



"METHOD AND APPARATUS FOR CREATING A WELLFORMED DATABASE SYSTEM USING A COMPUTER"

Inventors: Craig David Weissman, Gregory Vincent Walsh, Eliot Leonard Wegbreit

Application No. 09/073,748

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Fig 1

Fig 1A Fig 1B

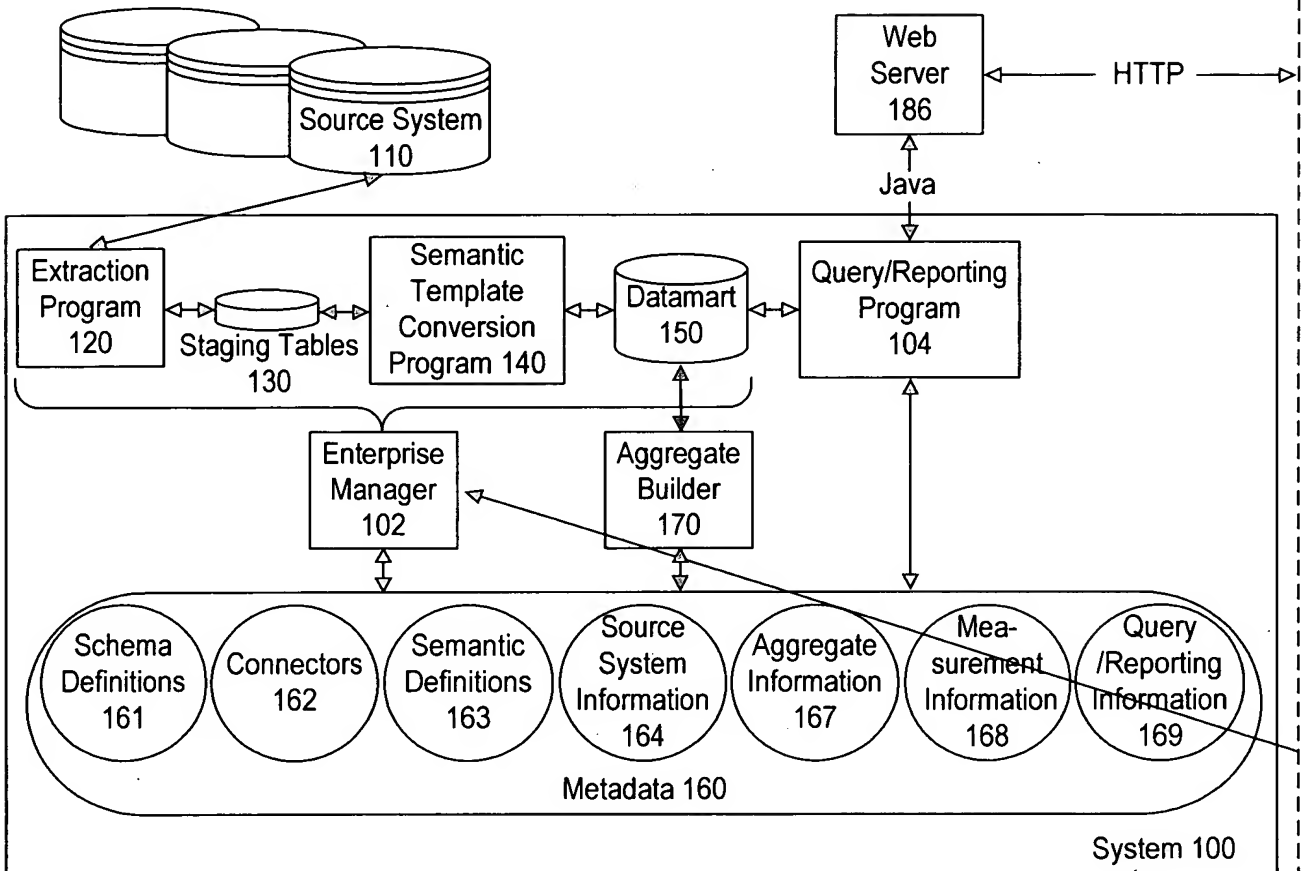


Figure 1A

"METHOD AND APPARATUS FOR CREATING A WELLFORMED DATABASE SYSTEM USING A COMPUTER"

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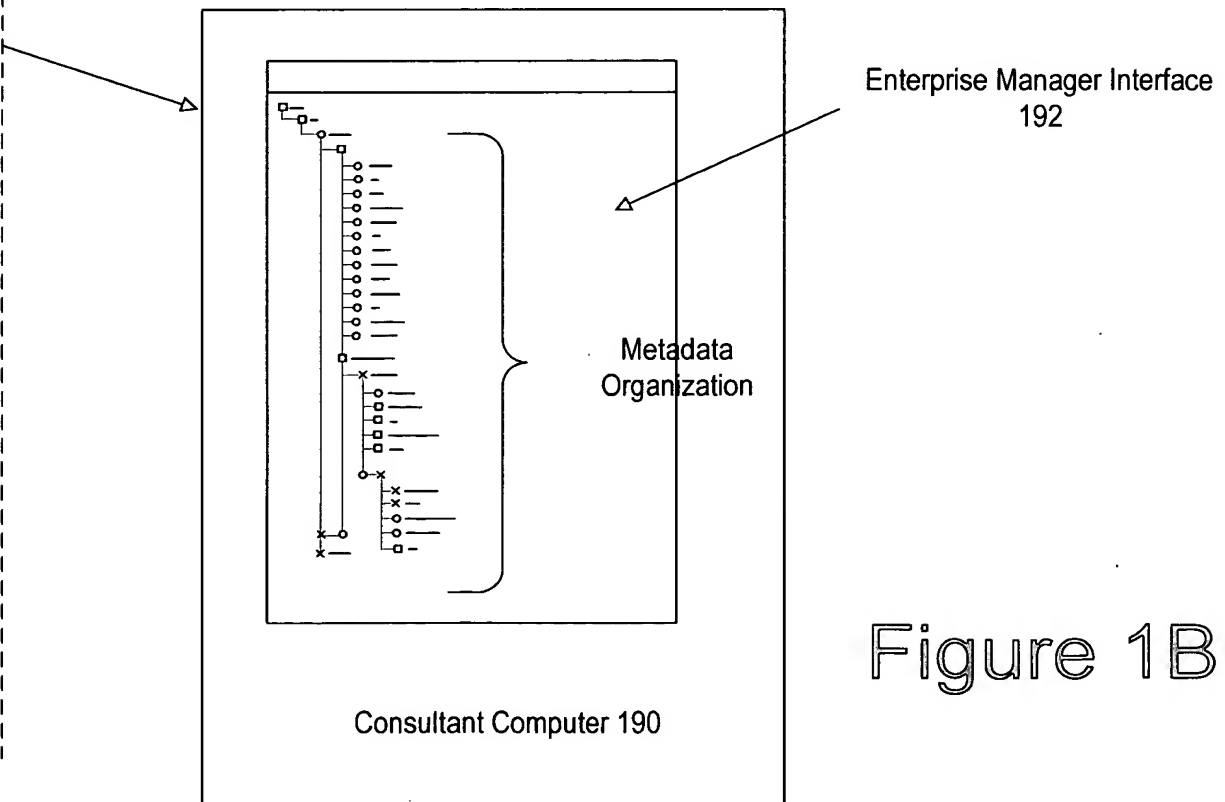
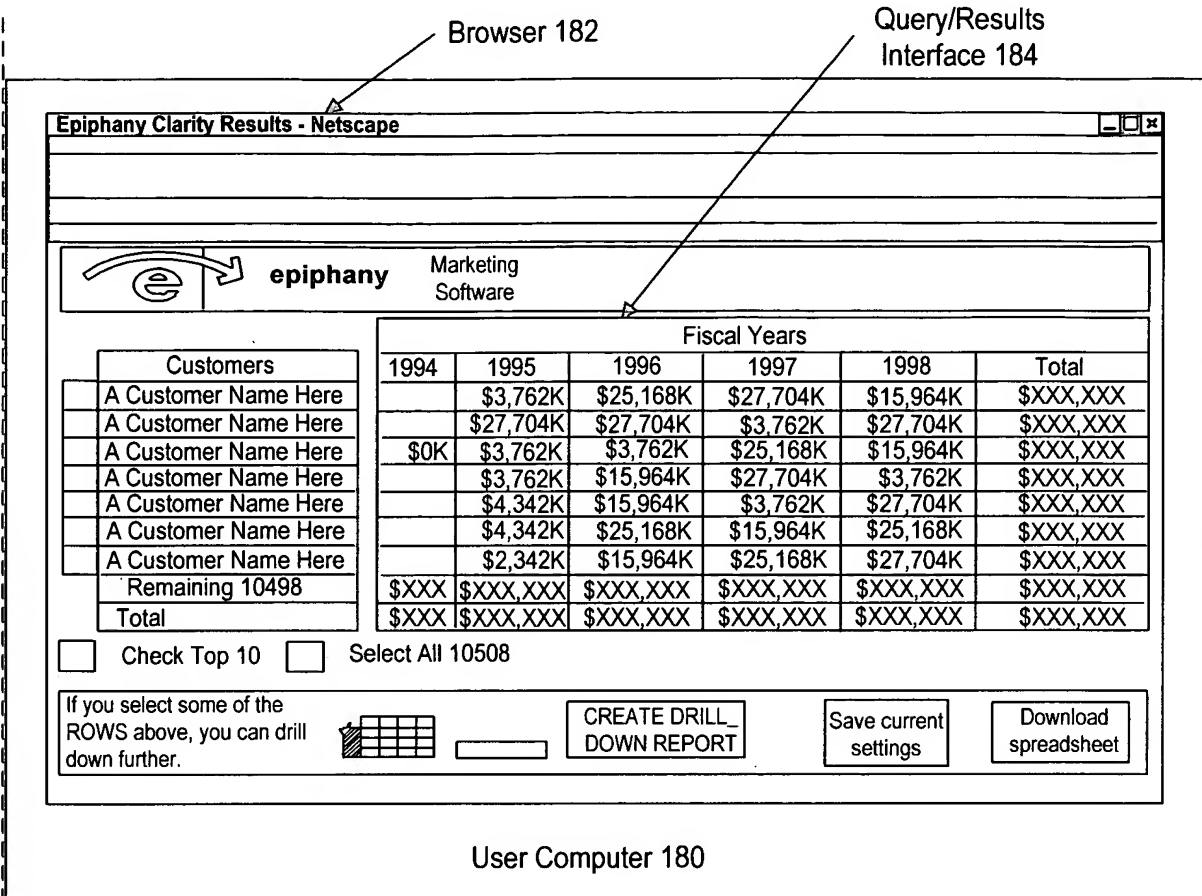


Figure 1B

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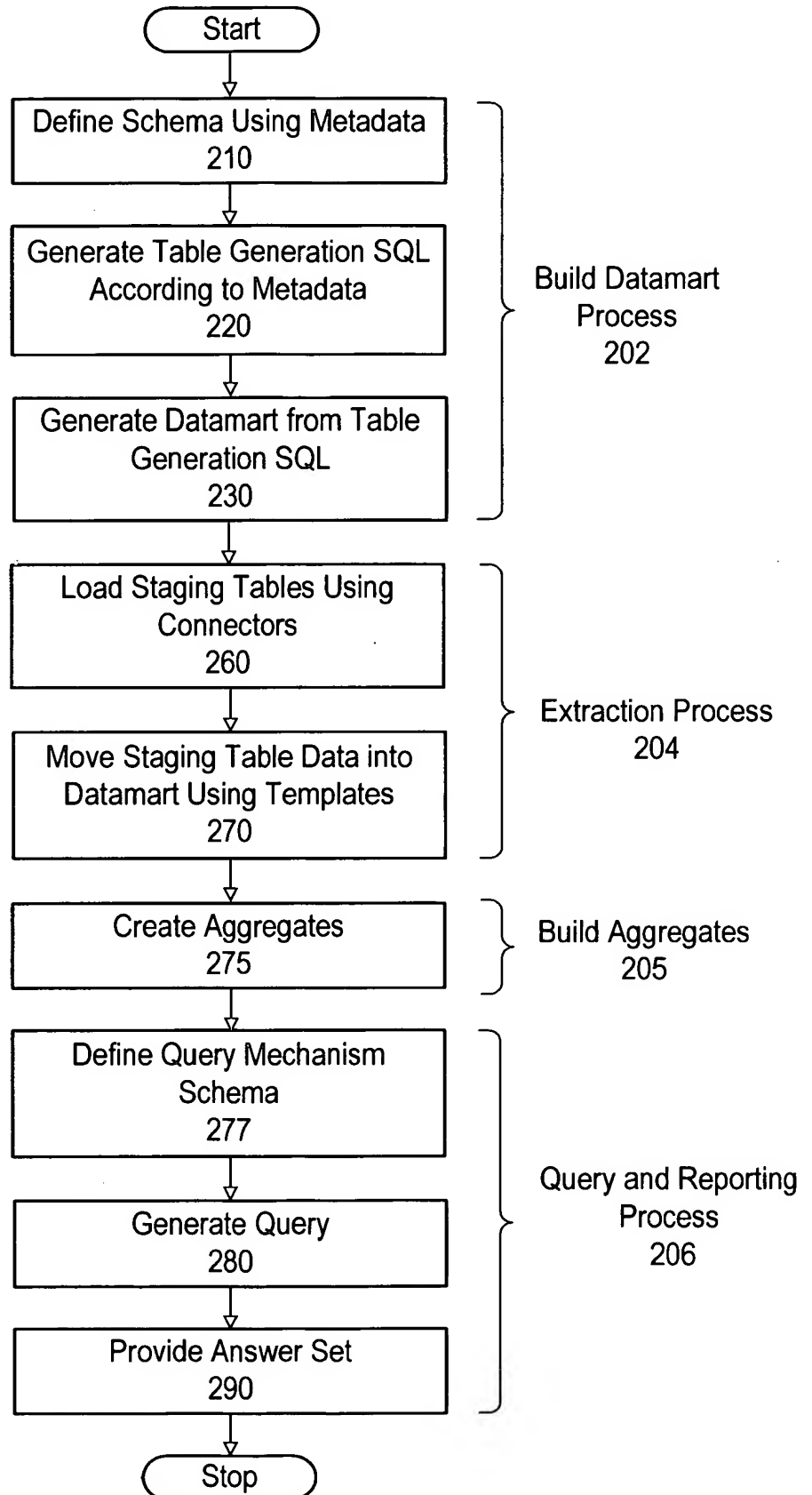
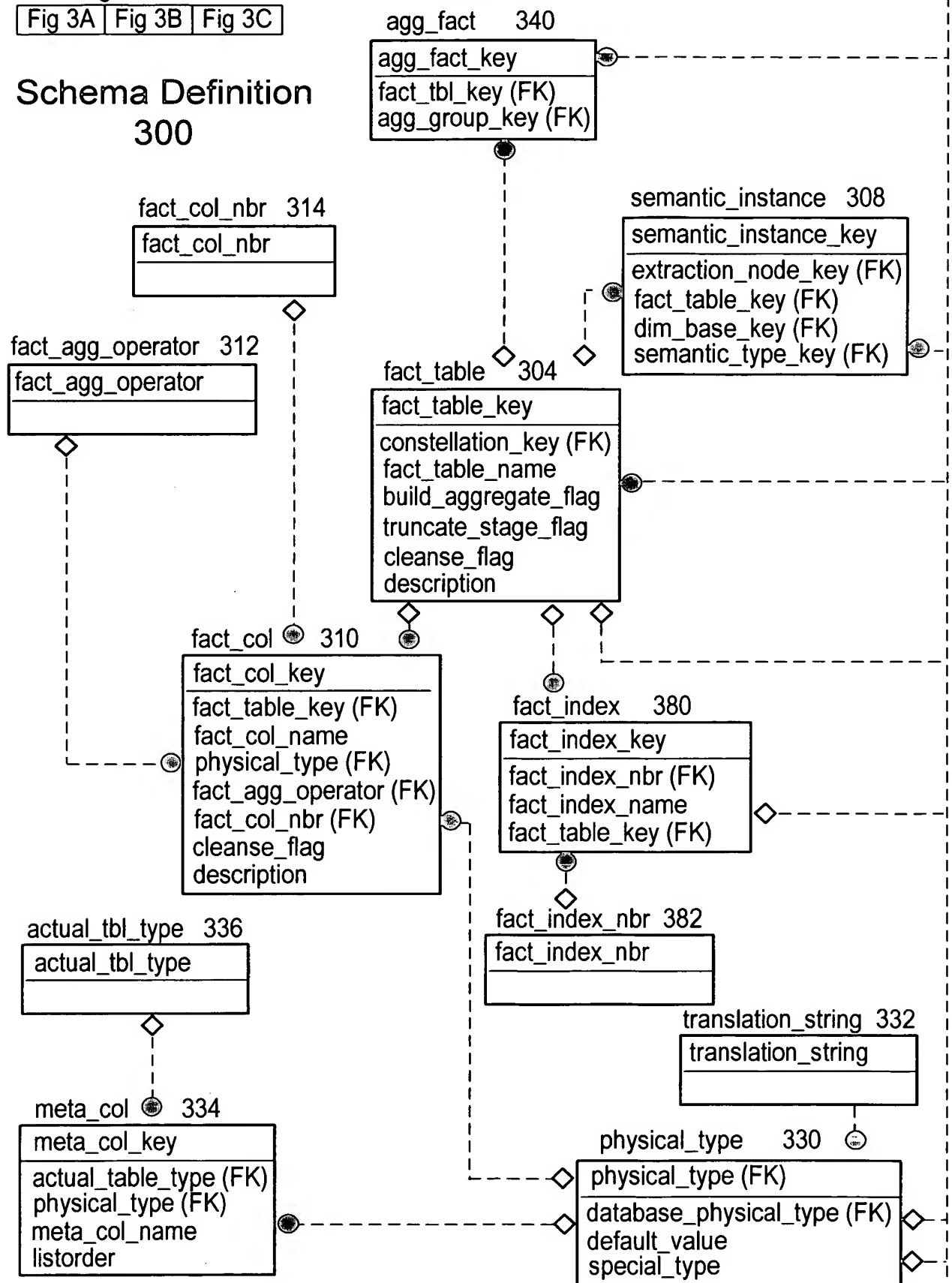


Figure 2

Fig 3

Schema Definition



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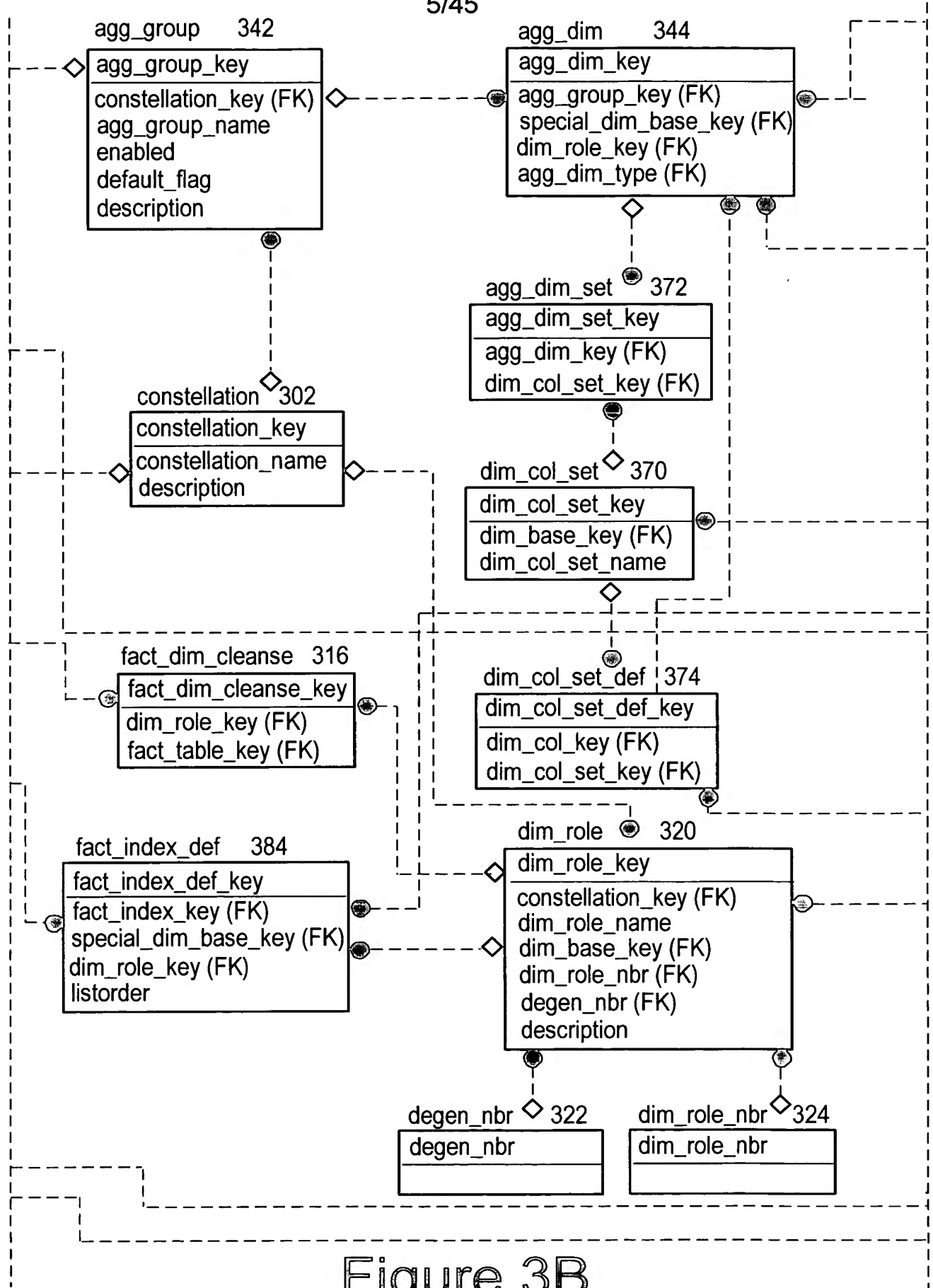


Figure 3B

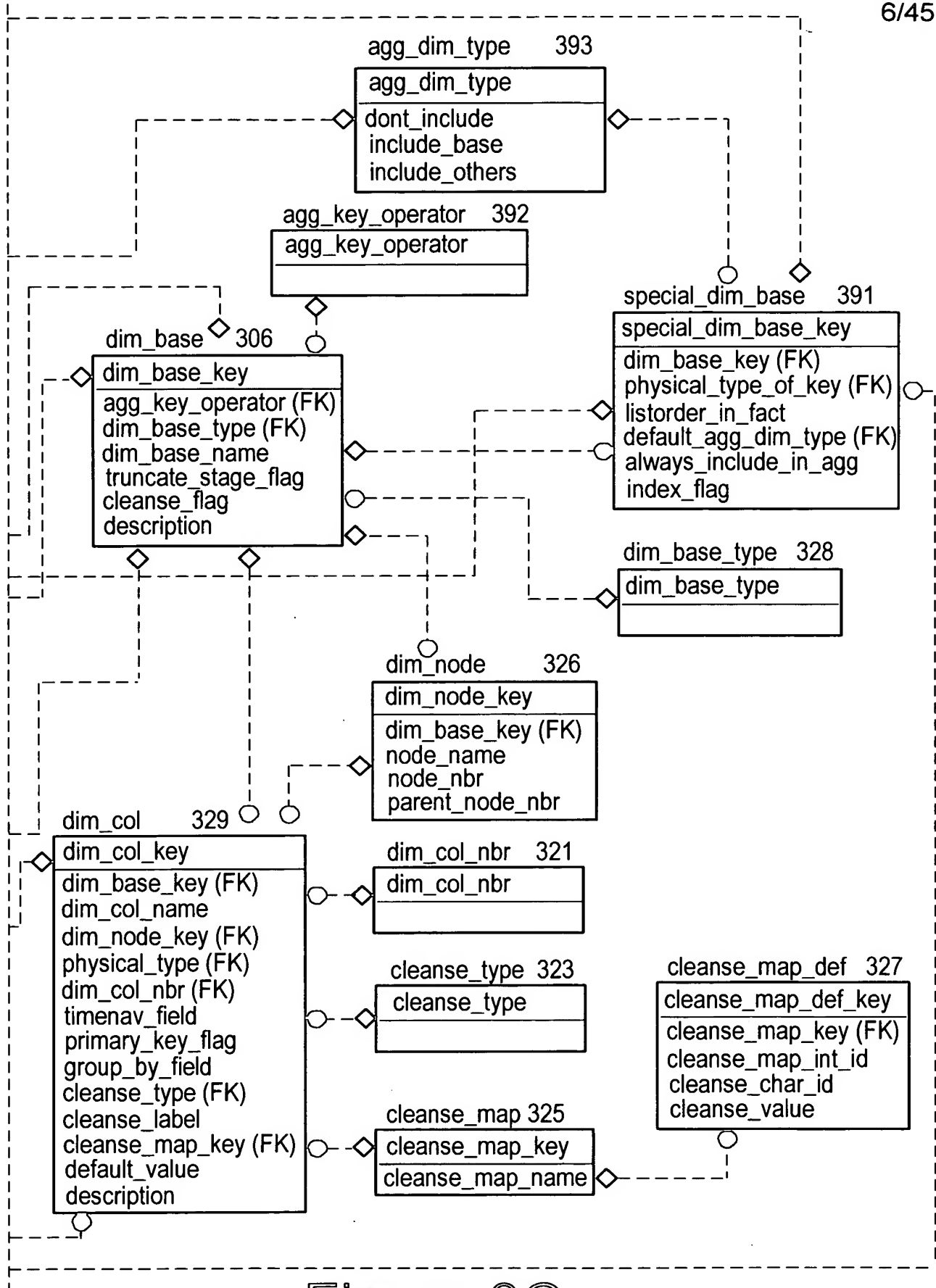


Figure 3C

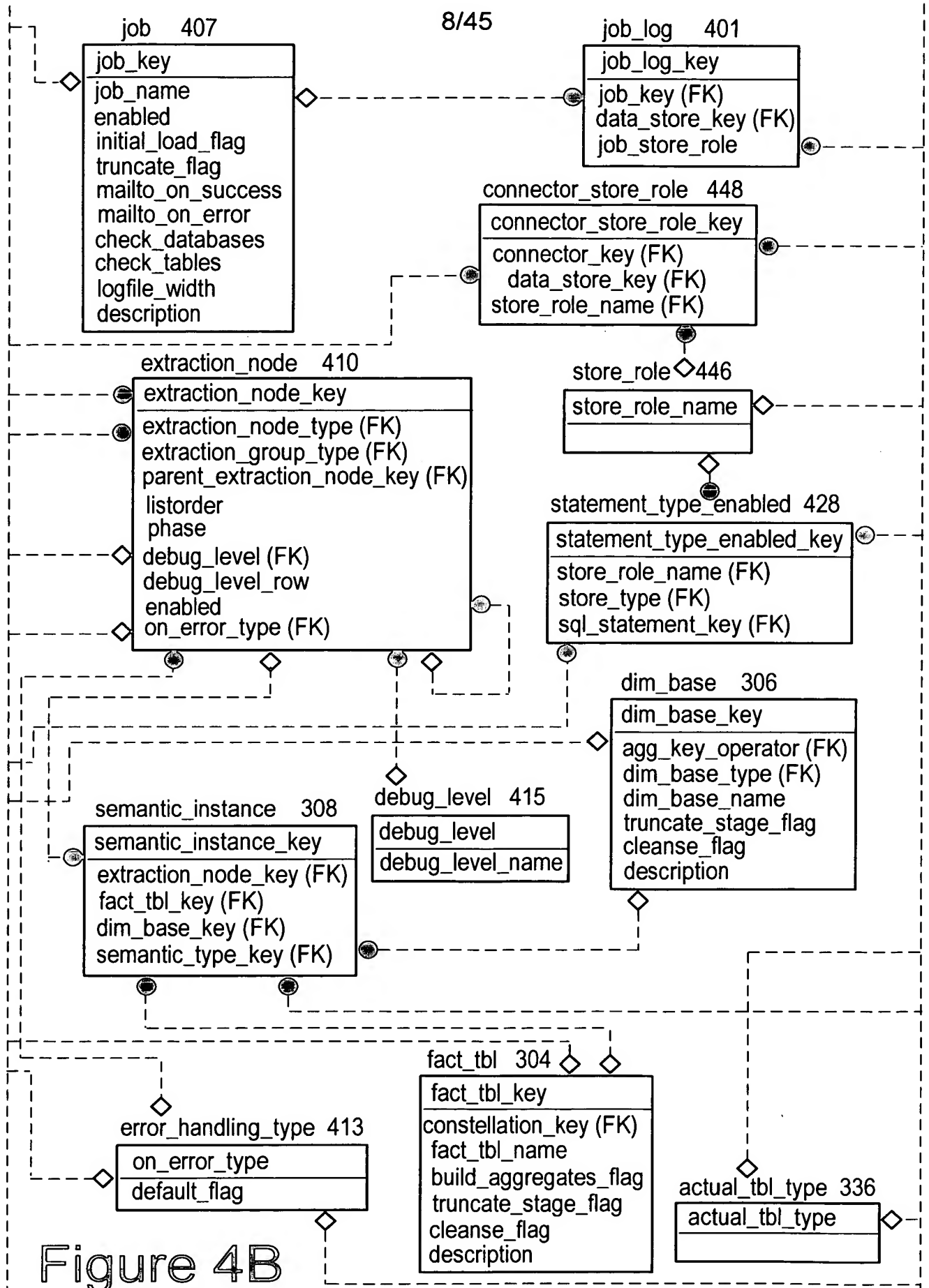


Fig 5

Fig 5A Fig 5B Fig 5C

Runtime Schema 500

bus_process 570

process_key
process_name

adaptive_template_profile 580

token_name
number_rows
listorder

transtype_0 590

transtype_key
name
description

Date_0 560

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date_key
day_name
day_name_char
day_name_char_weekday
day_number_in_week
day_number_in_month
day_number_in_cq
day_number_in_fq
day_number_in_fy
day_number_in_cy
day_number_til_end_cq
day_number_til_end_fq
day_month_end
day_month_begin
day_fq_end
day_cq_end
day_fy_end
day_cy_end
day_fq_begin
day_cq_begin
day_fy_begin
day_cy_begin
week_number
week_number_fy
week_number_cy
week_number_fq
week_number_cq
week_number_til_end_fq
week_number_til_end_cq
week_number_til_end_fy
week_number_til_end_cy
week_monday
week_friday
week_saturday
week_sunday
weekday
month_name
month_number
month_number_in_fq
month_number_in_cq
month_number_in_fy
month_number_in_cy
month_and_fy_name
month_and_cy_name
month_number_til_end_cy
fq_name
fy_name
fq_and_fy_name
cq_name
cy_name
cq_and_cy_name

Figure 5A

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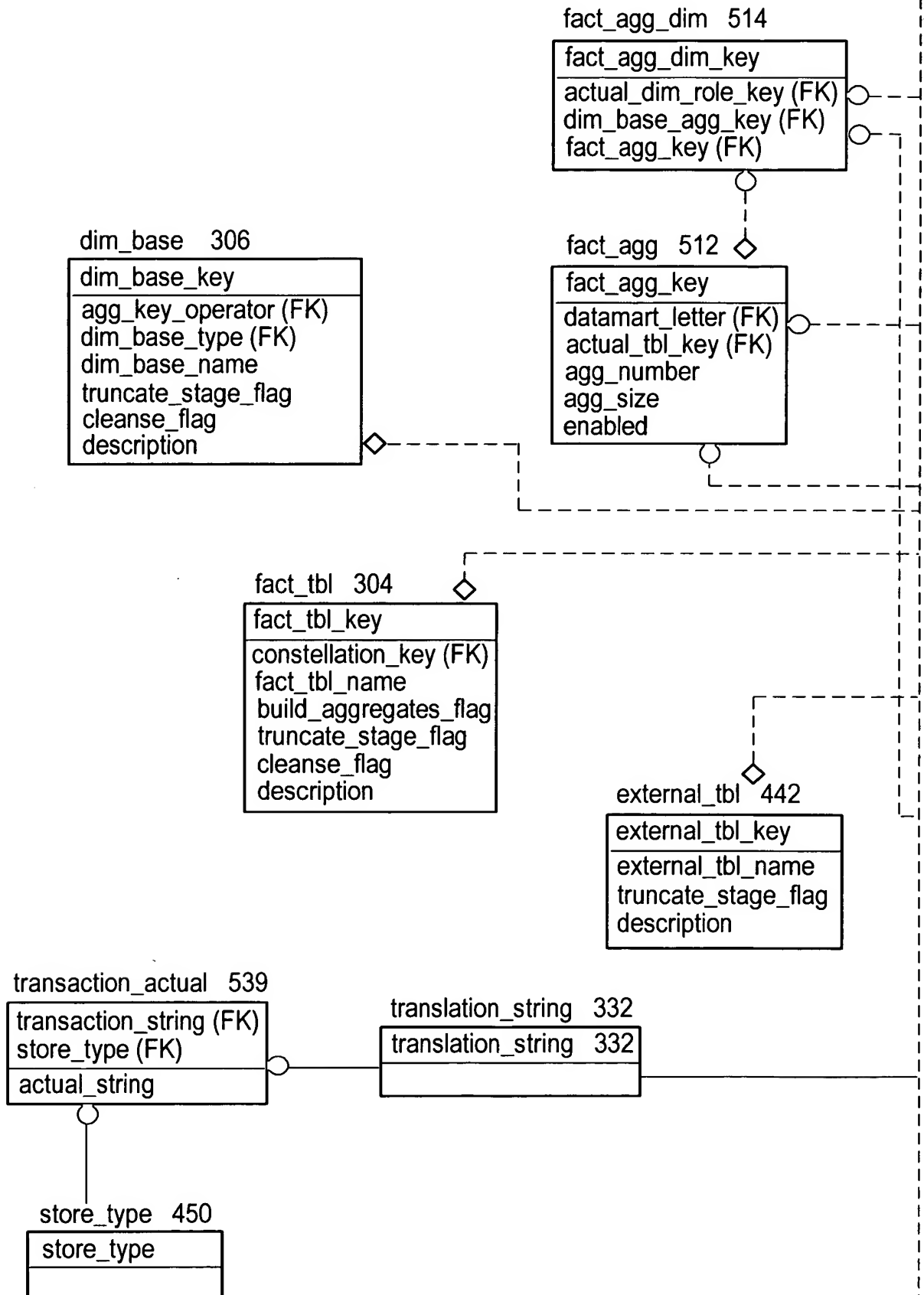


Figure 5B

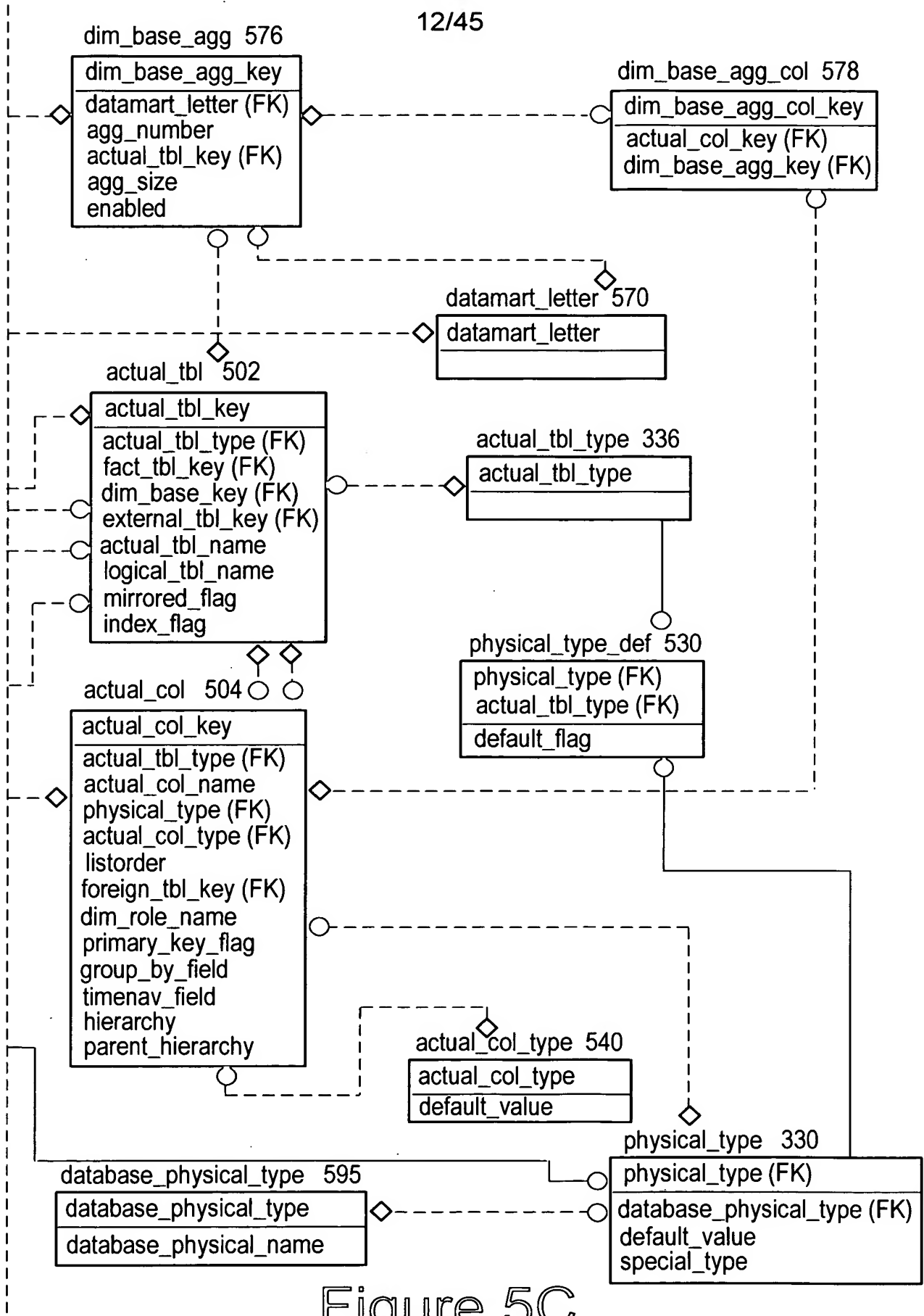


Figure 5C

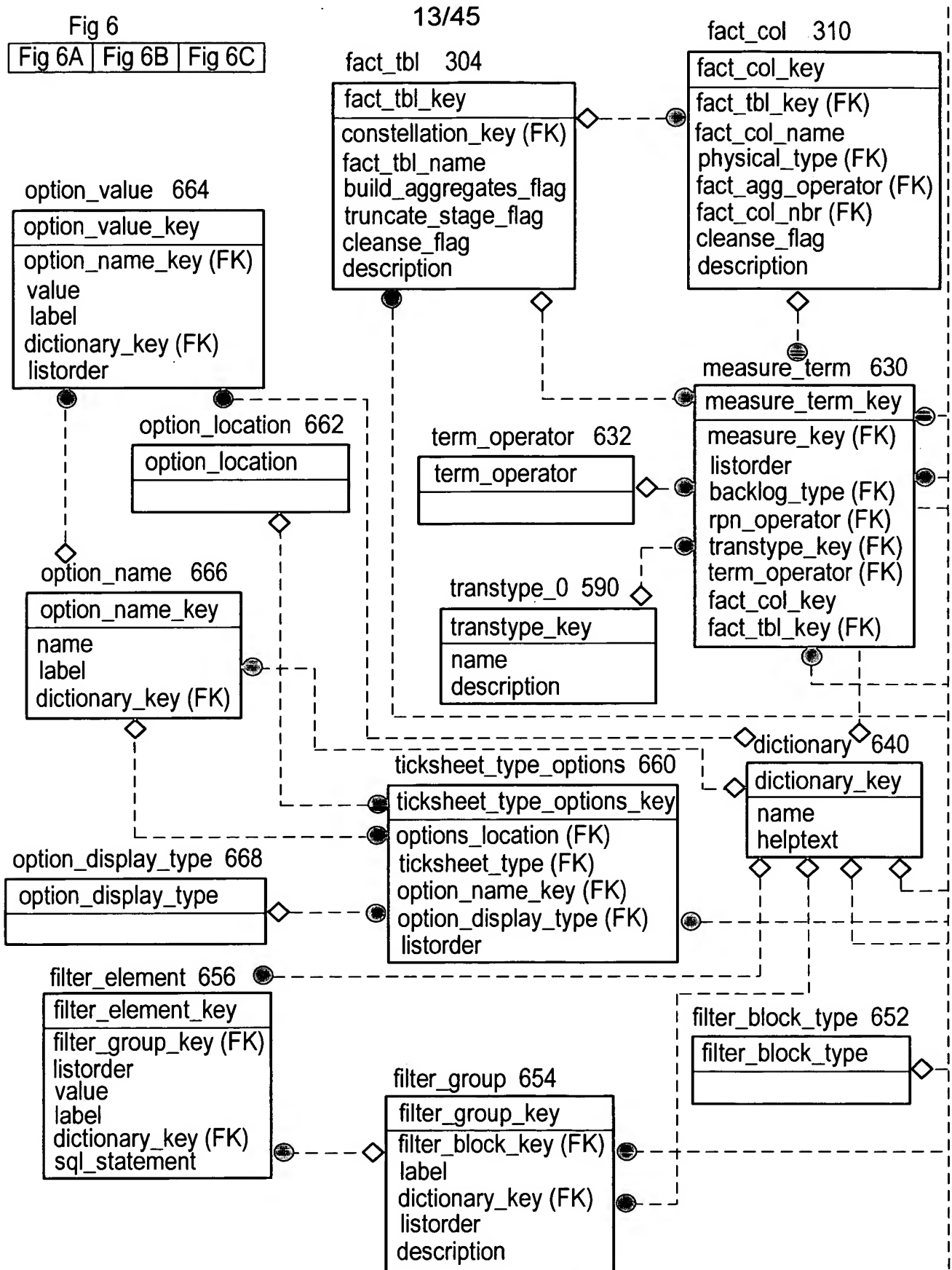


Figure 6A

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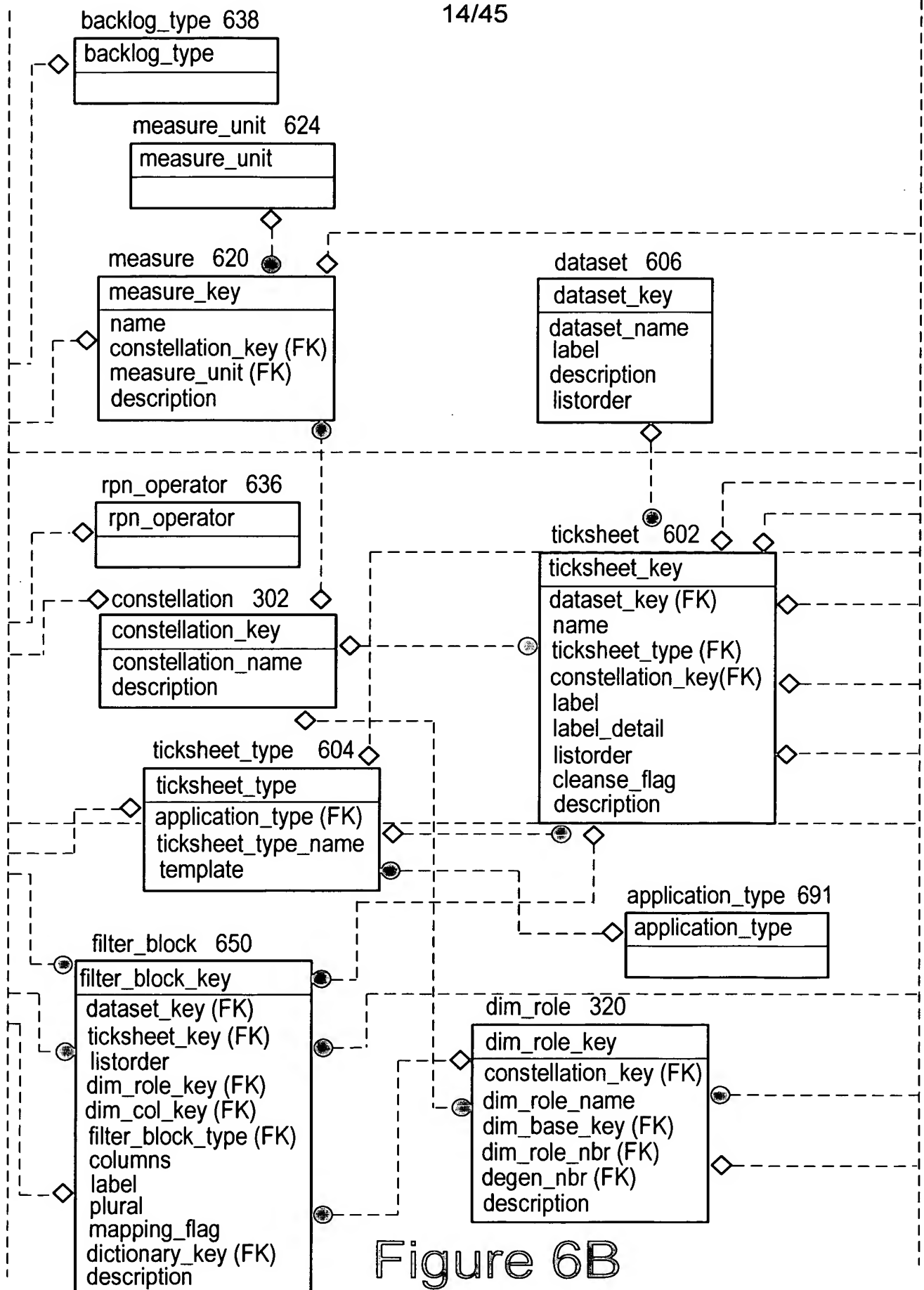


Figure 6B

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Query Mechanism Schema 600

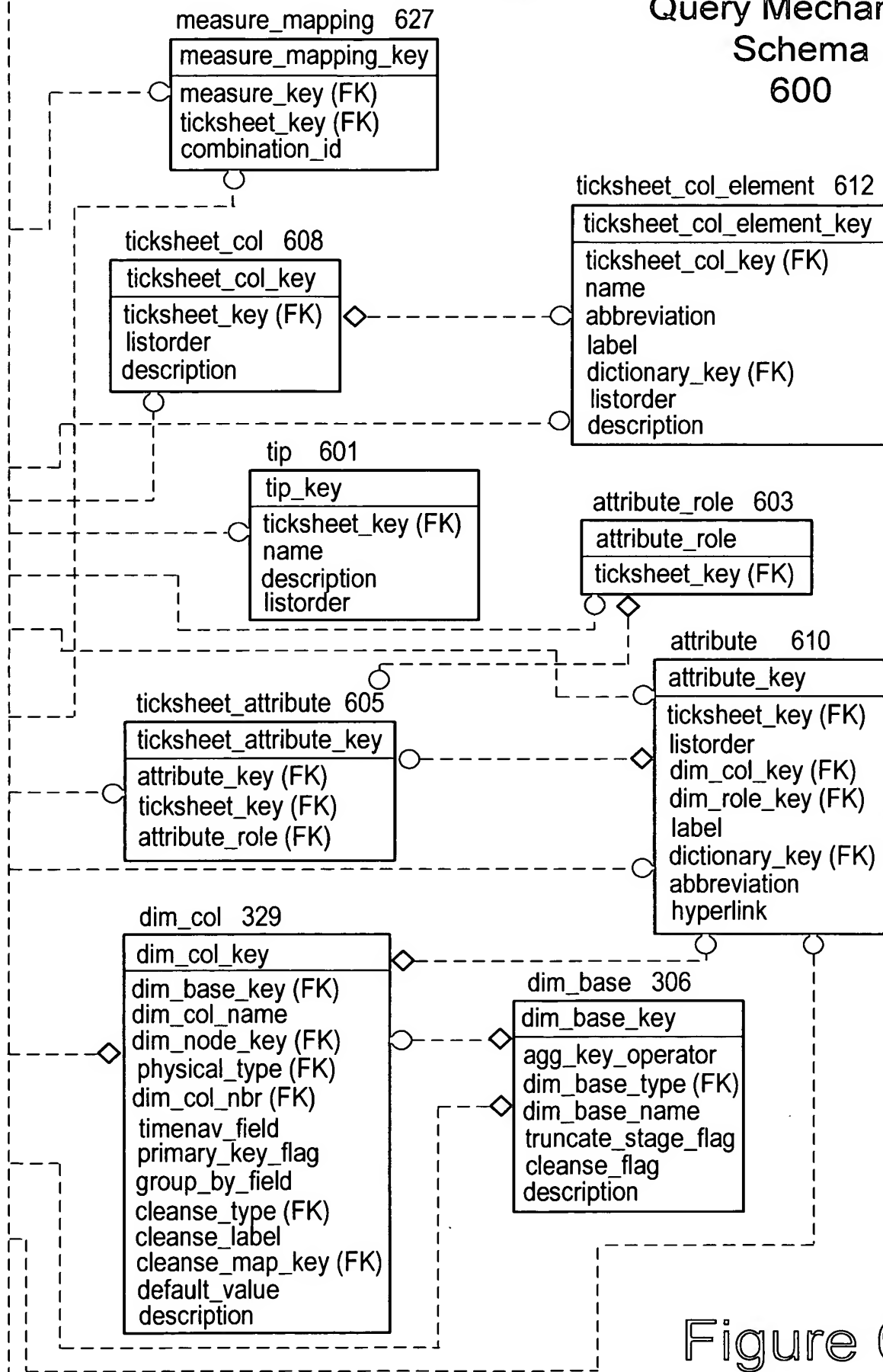


Figure 6C

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Enterprise
Manager
Interface
192

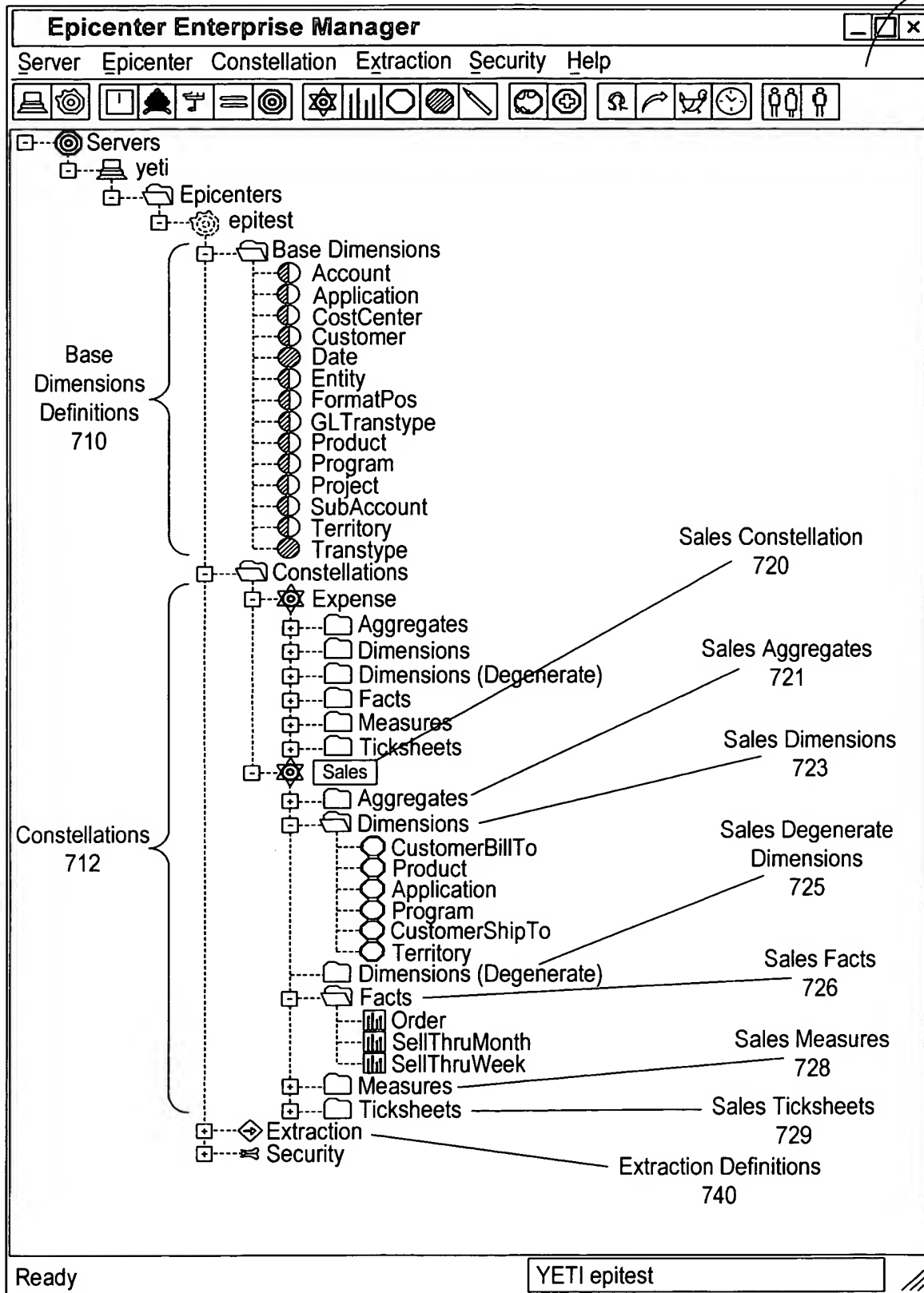


Figure 7

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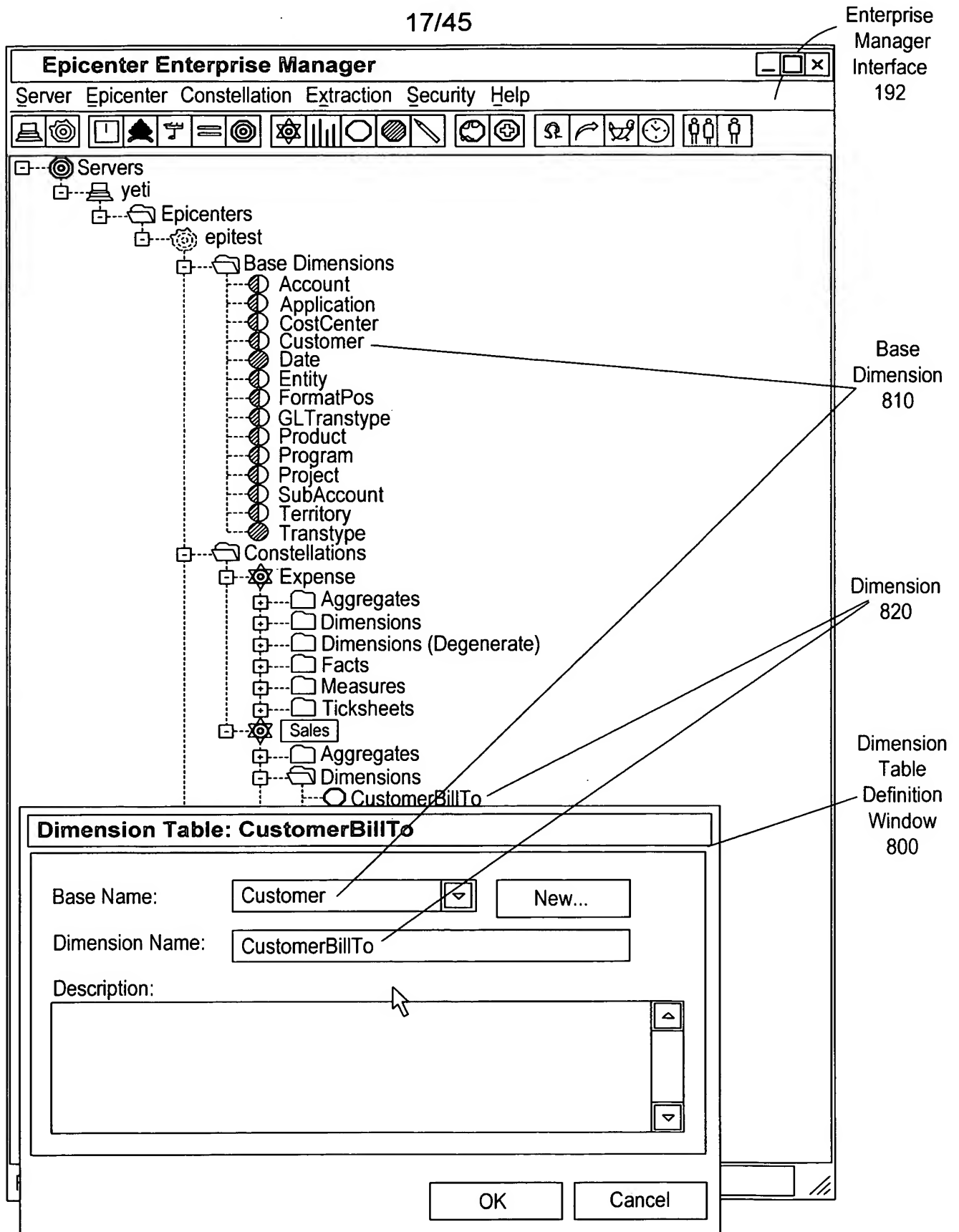


Figure 8

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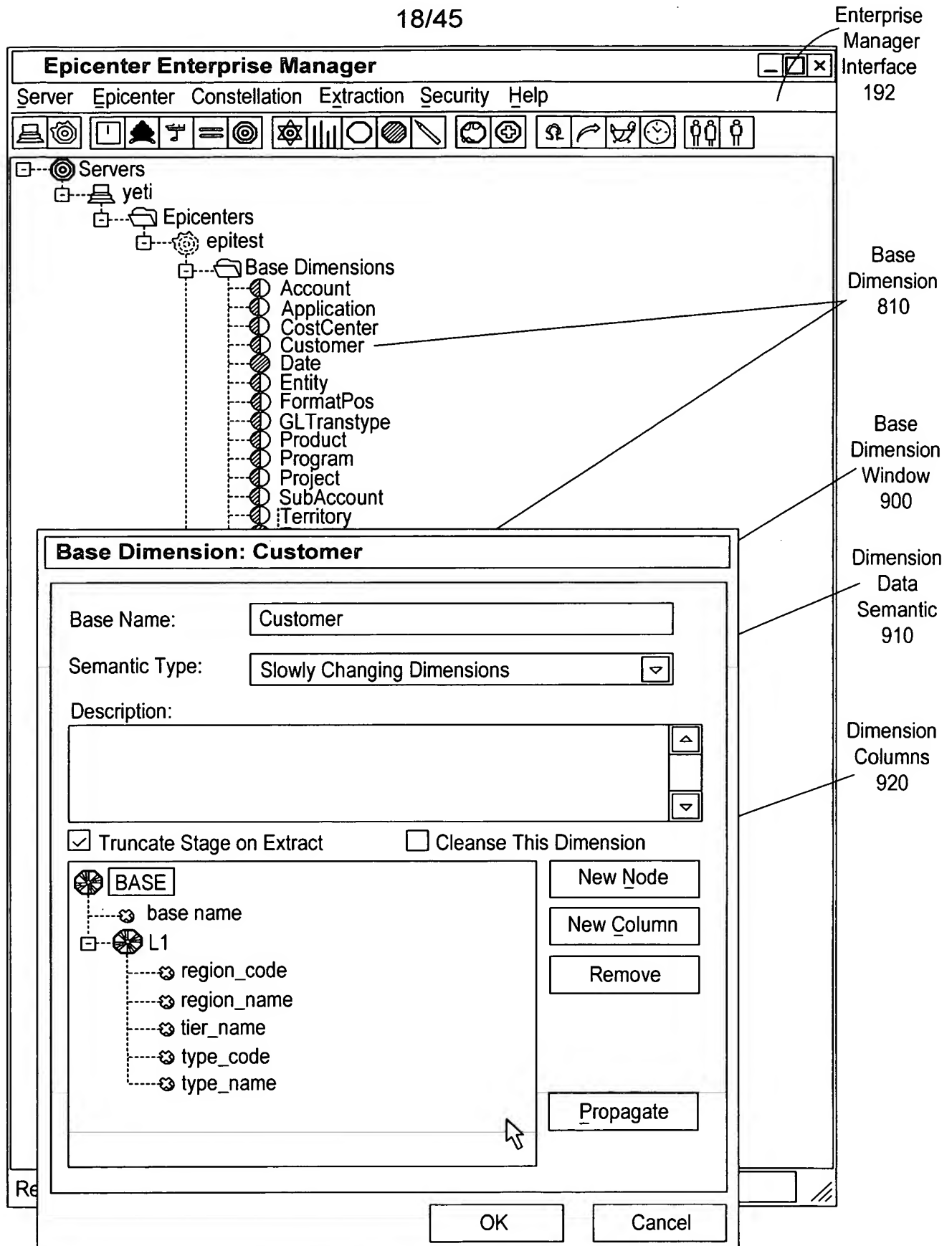


Figure 9

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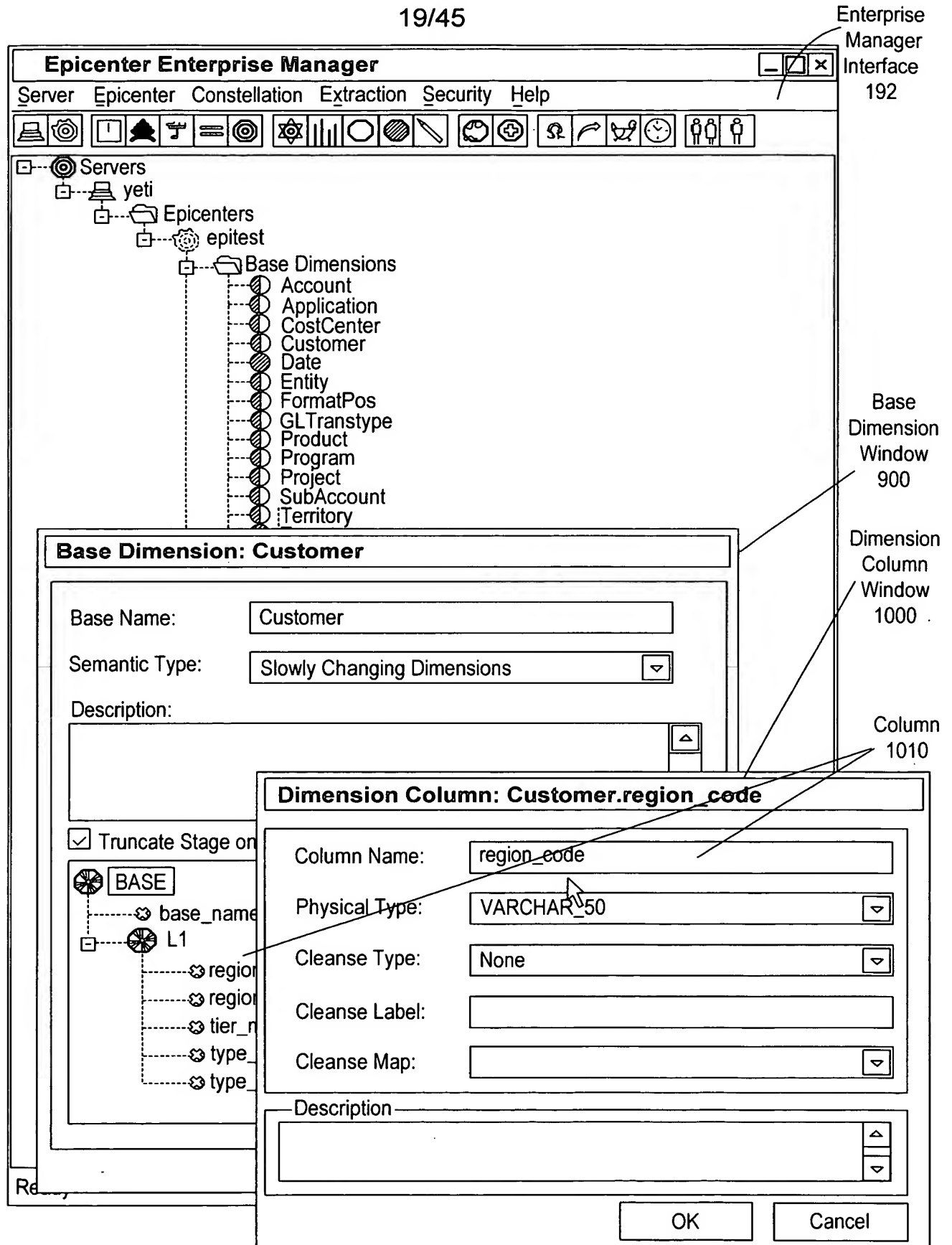


Figure 10

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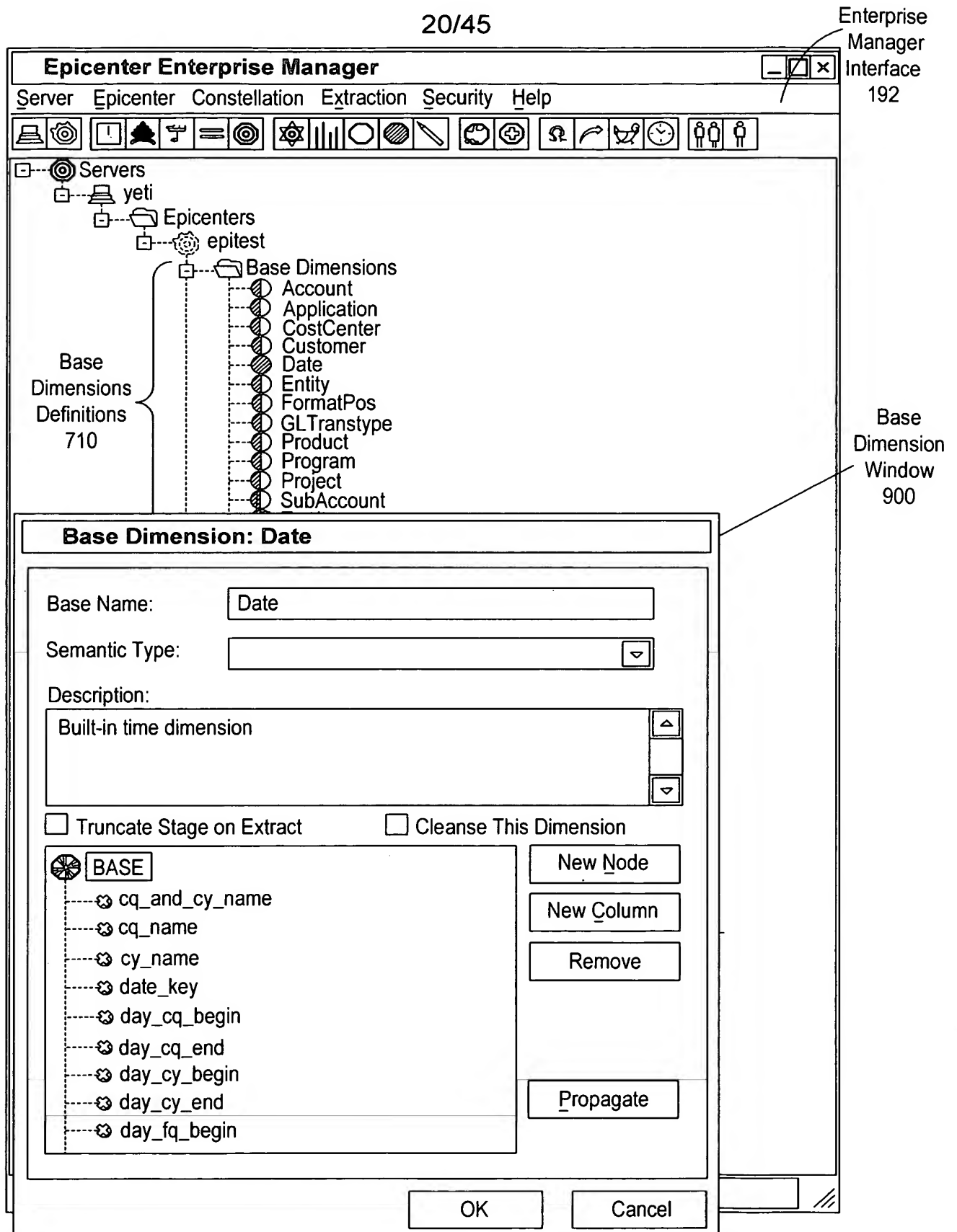


Figure 11

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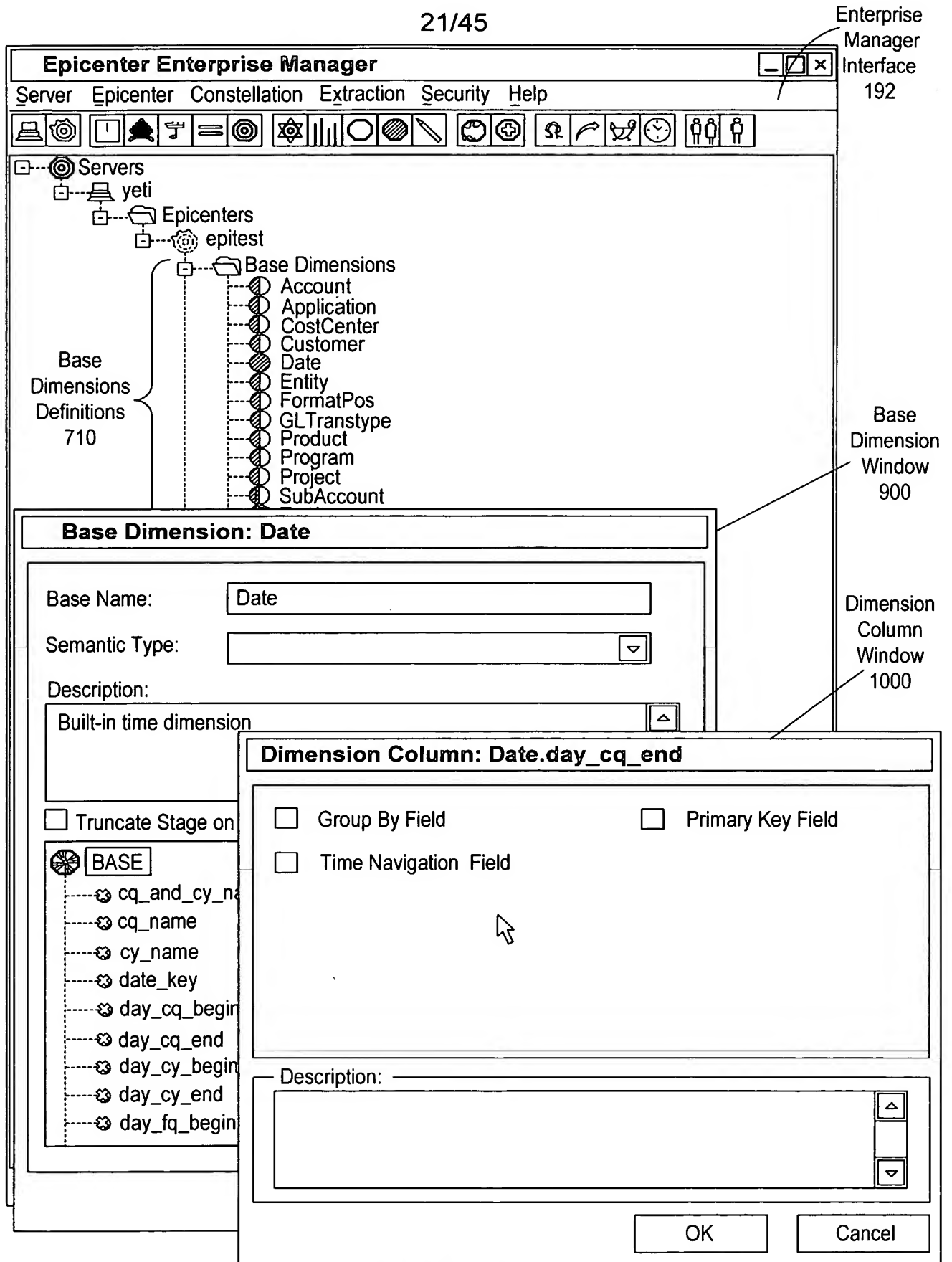


Figure 12

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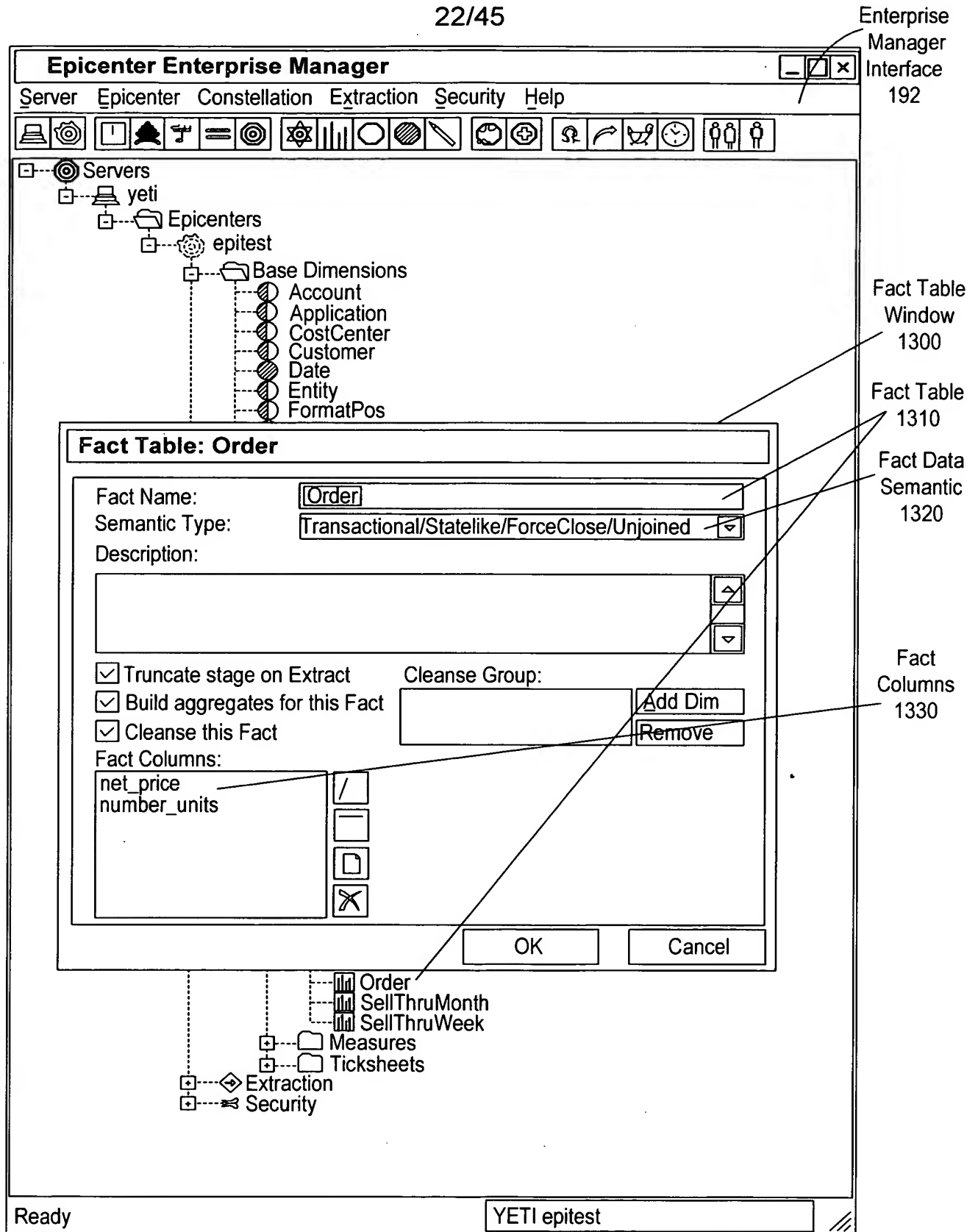


Figure 13

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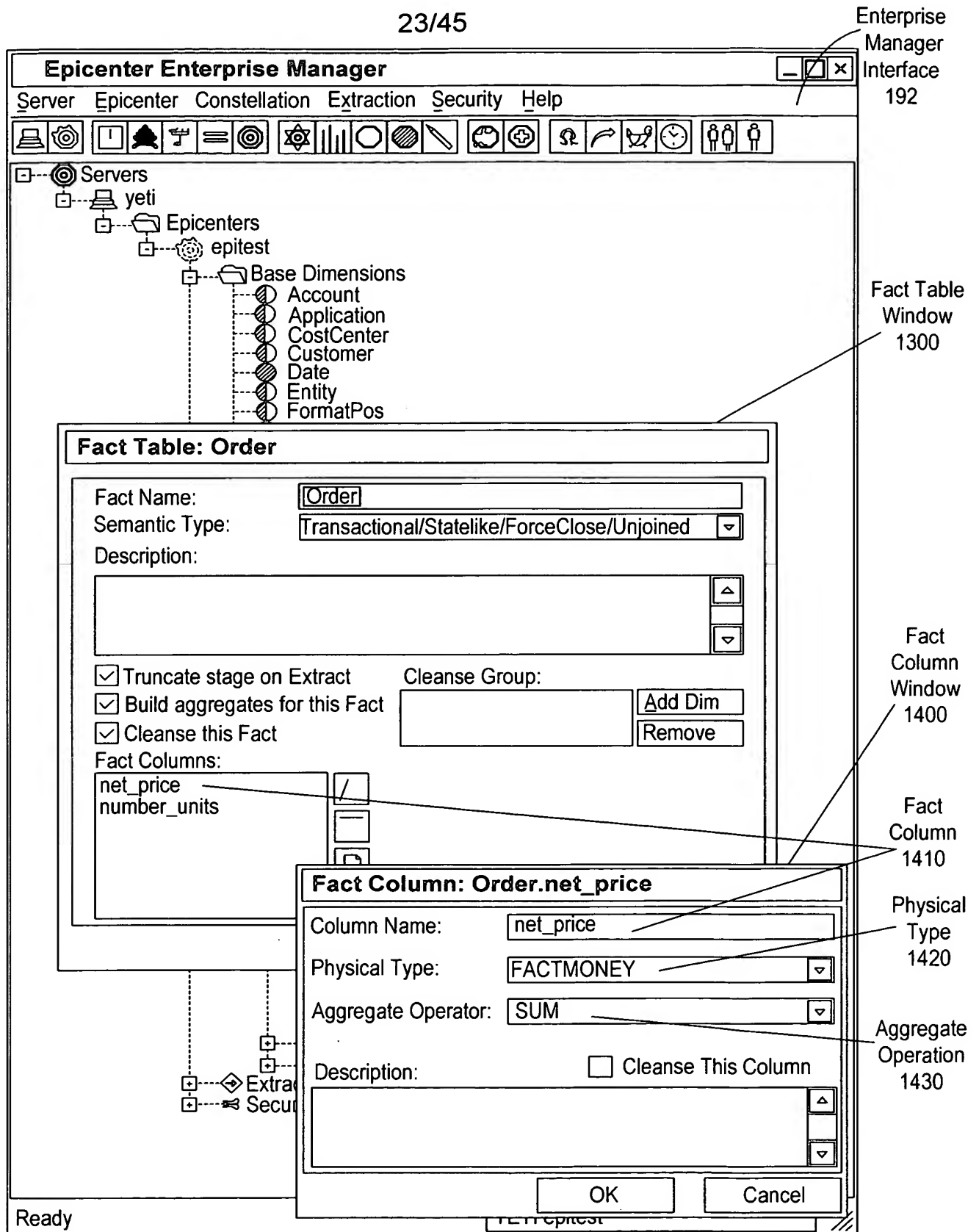


Figure 14

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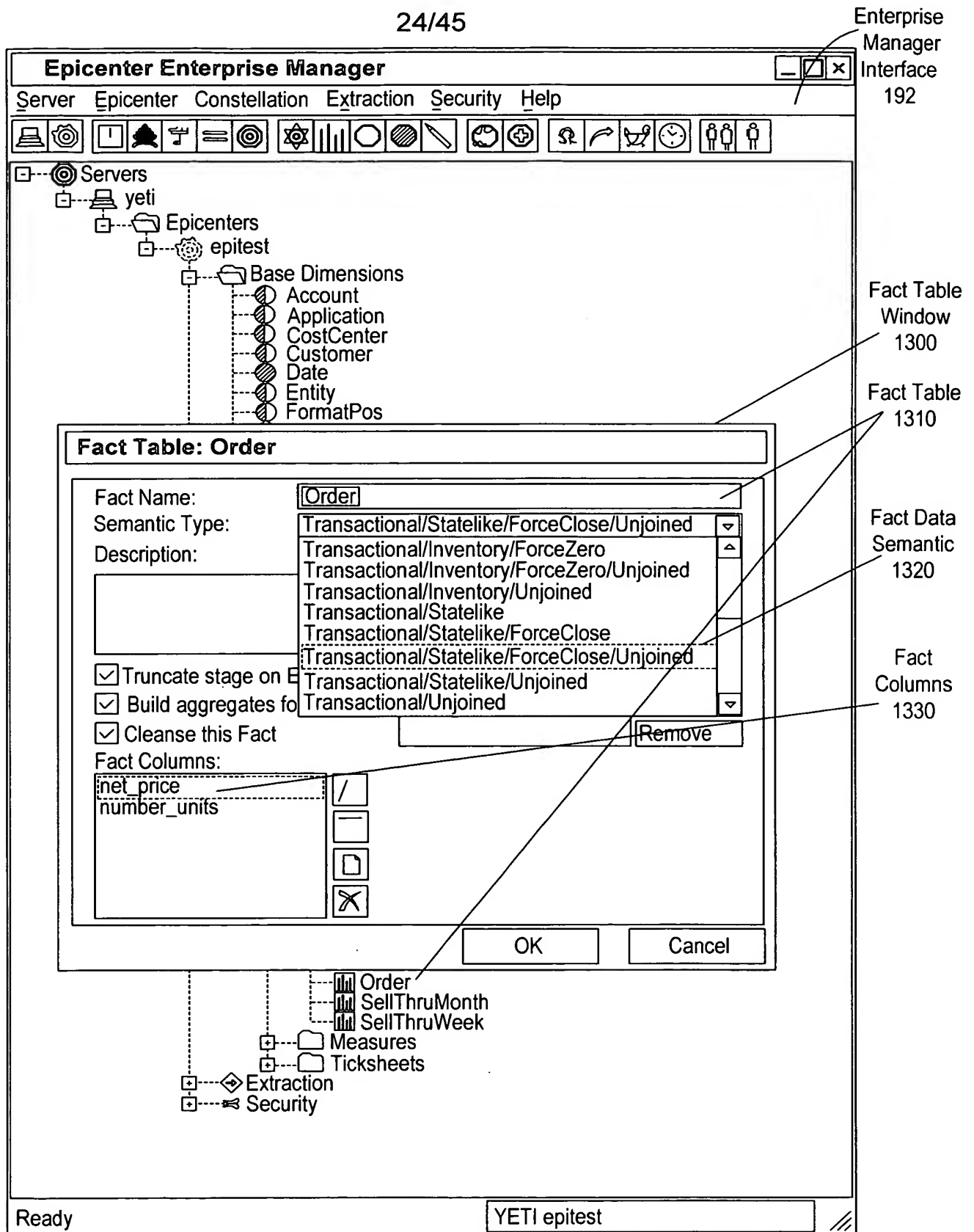


Figure 15

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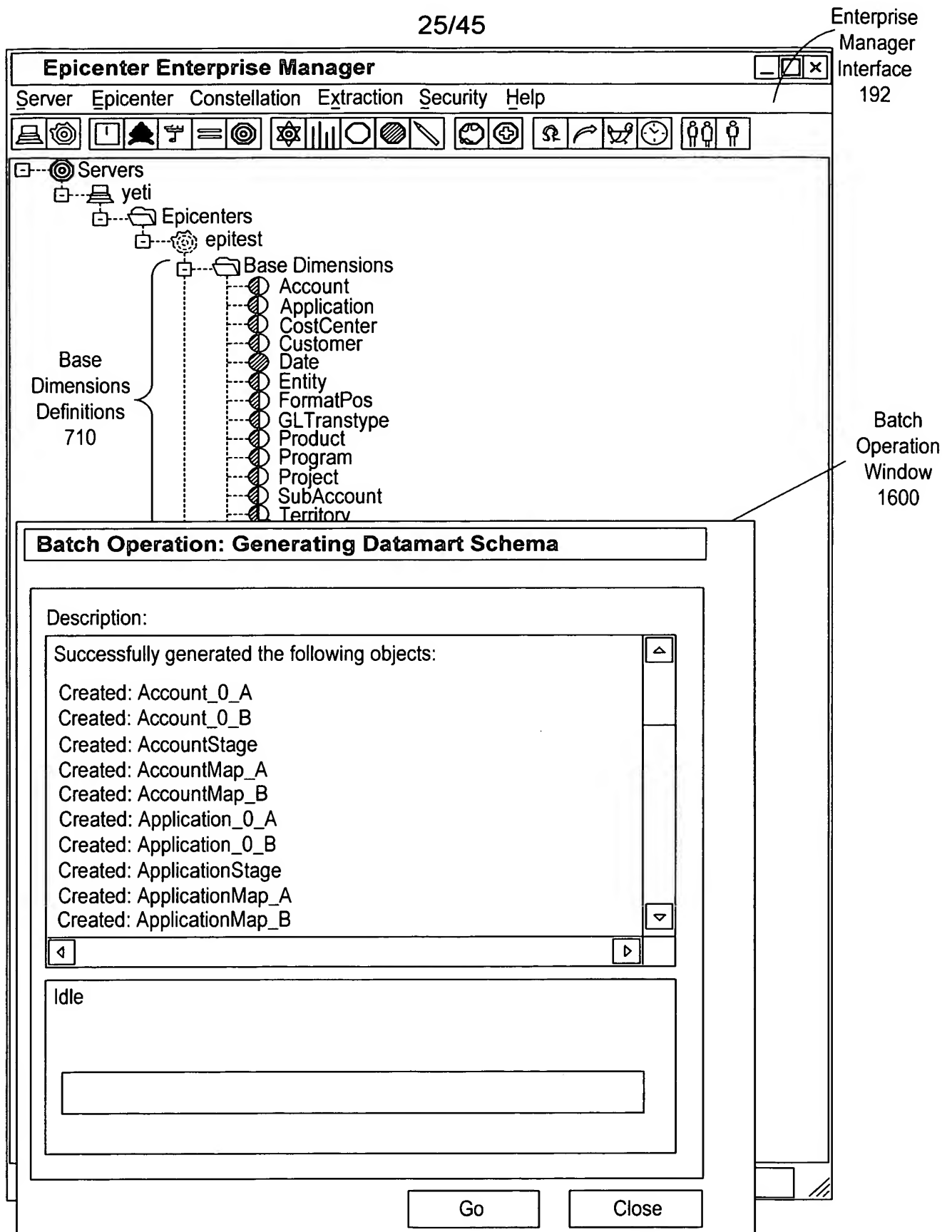


Figure 16

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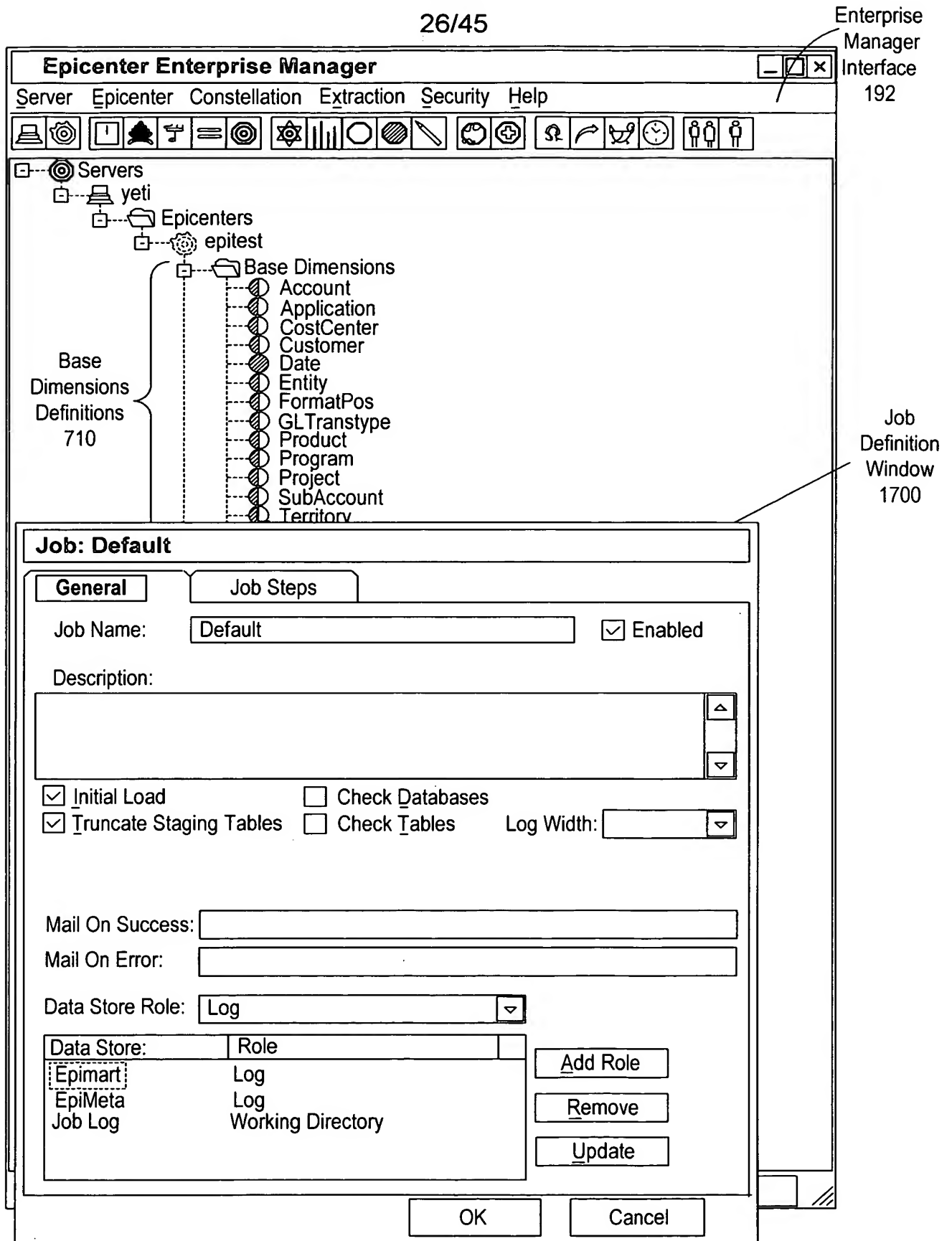


Figure 17

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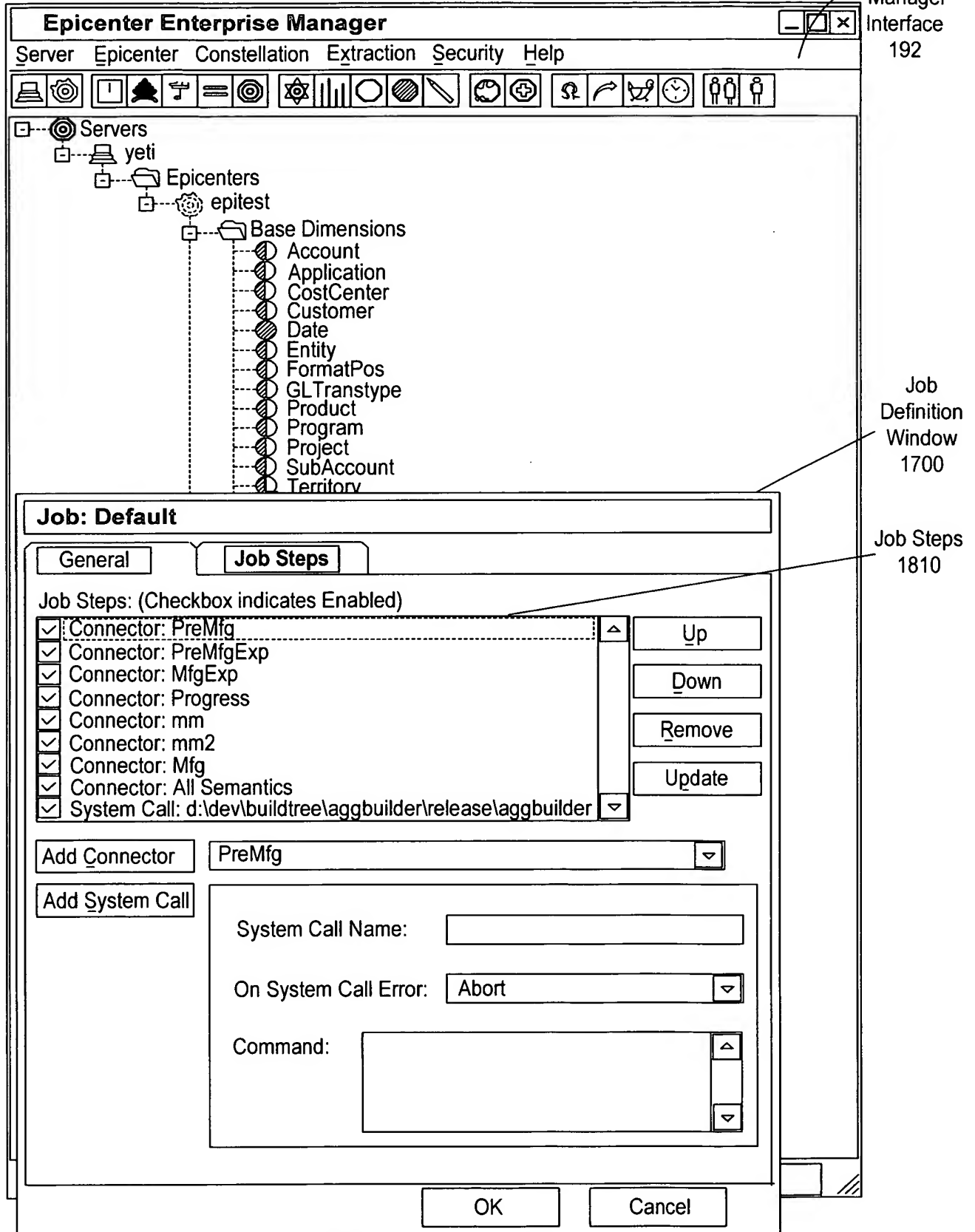
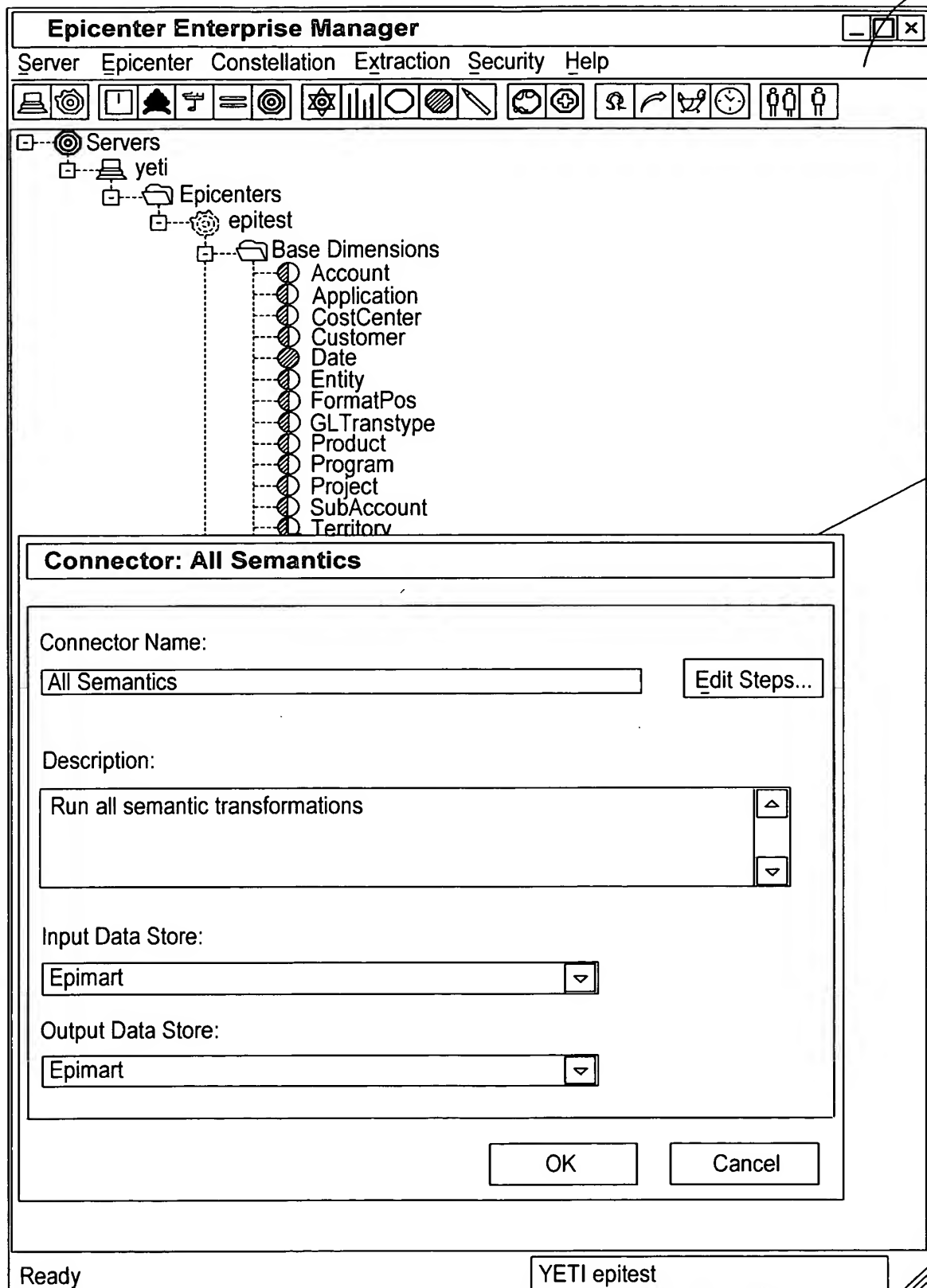


Figure 18

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Enterprise
Manager
Interface
192

Connector
Definition
Window
1900

Figure 19

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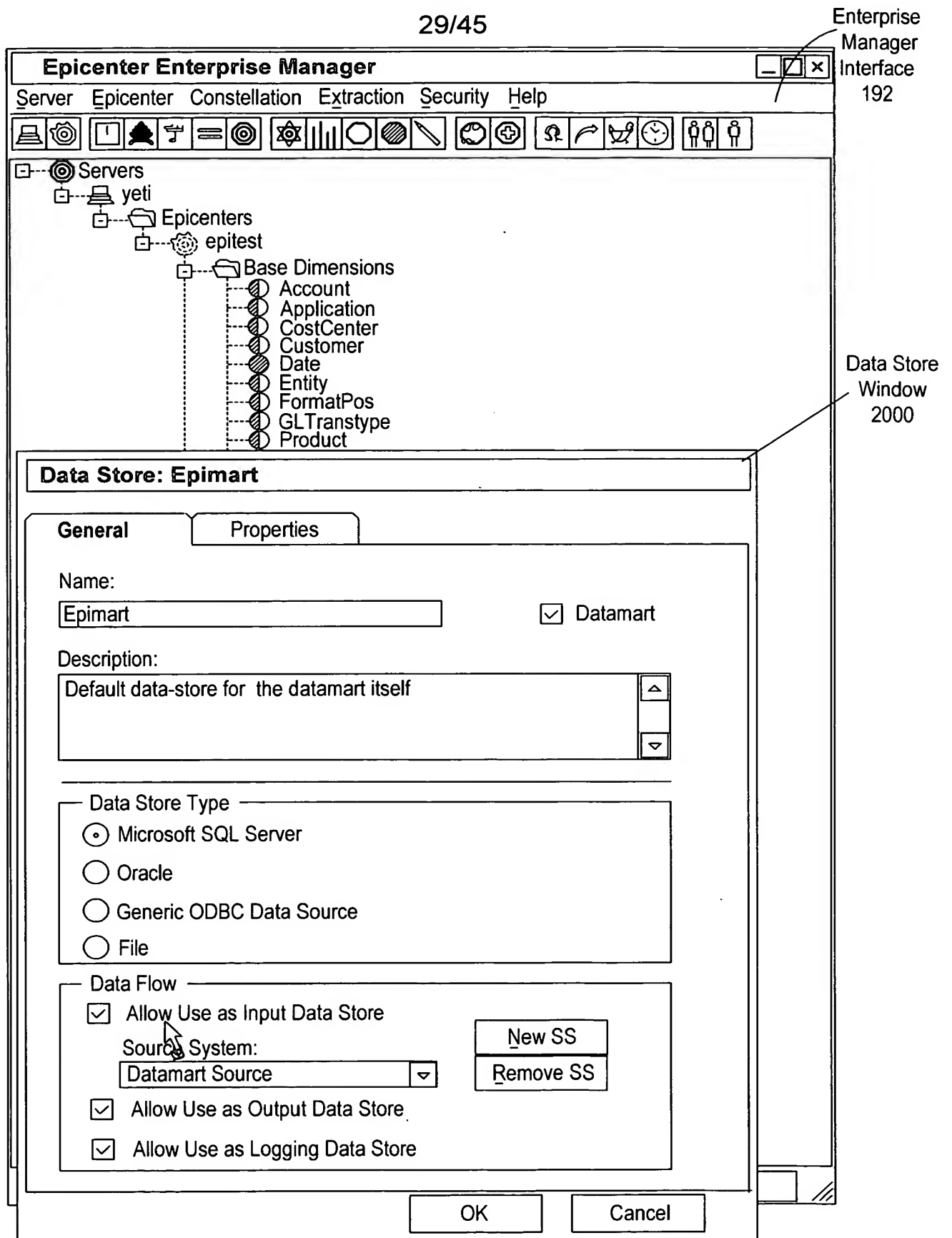


Figure 20

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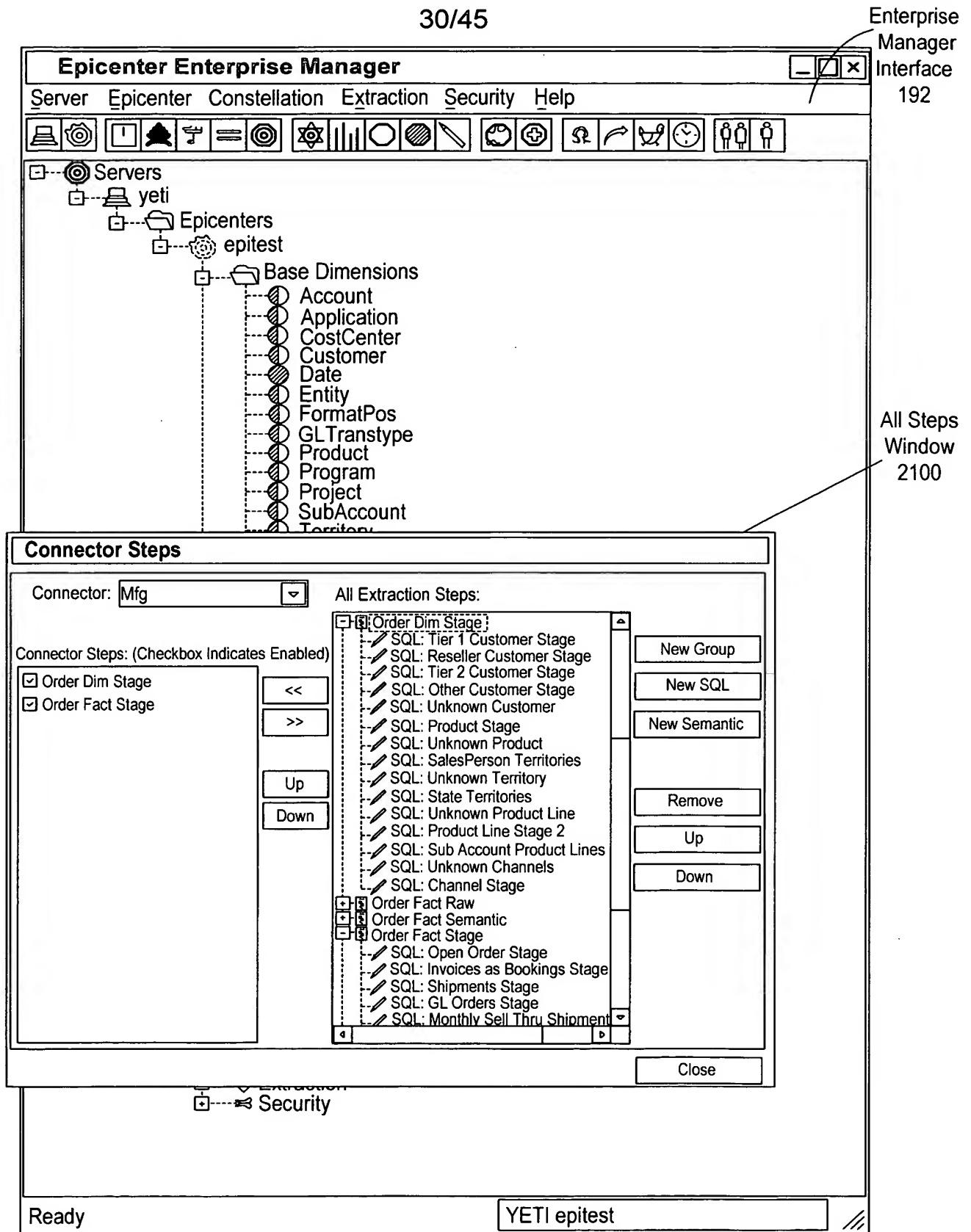


Figure 21

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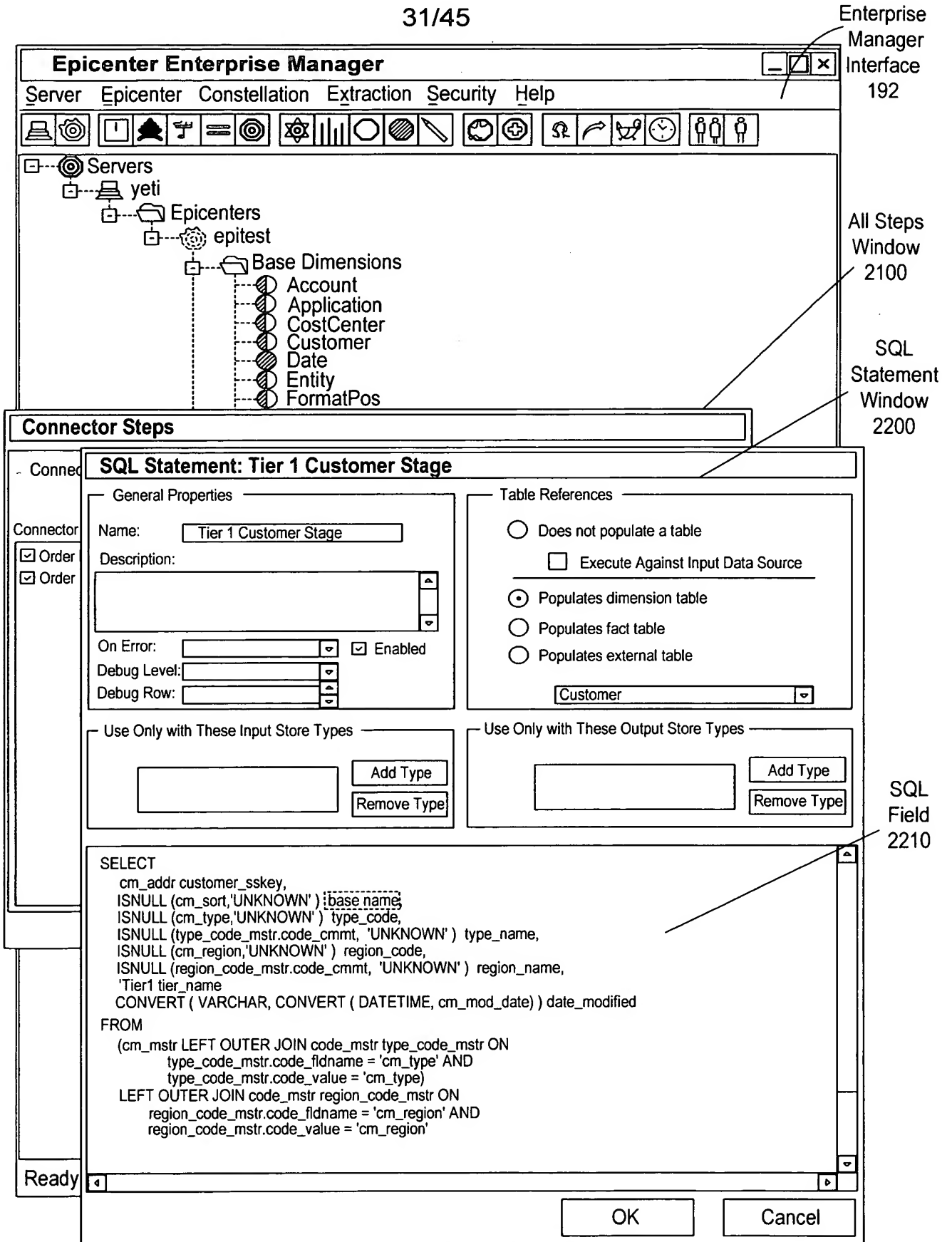


Figure 22

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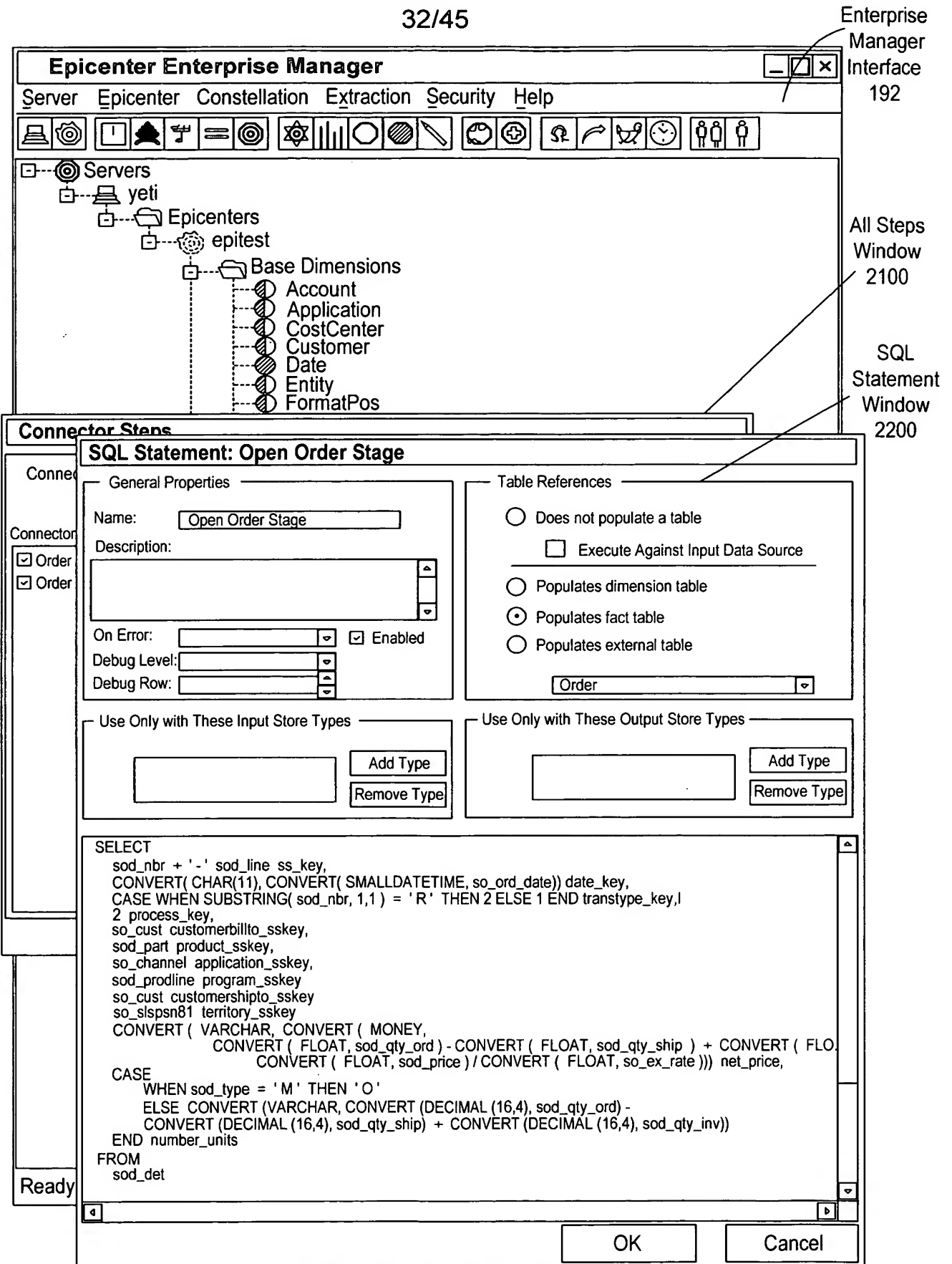


Figure 23

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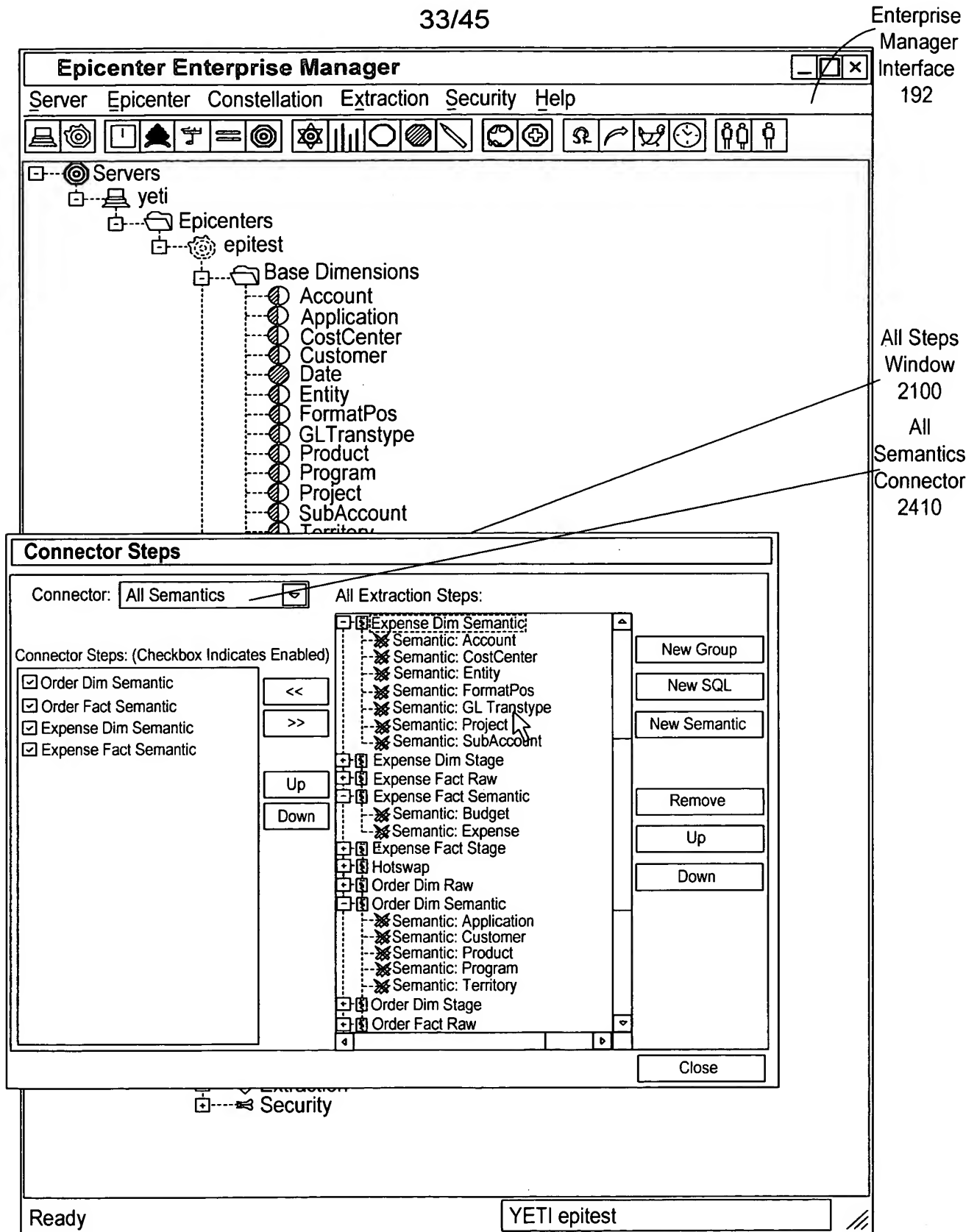


Figure 24

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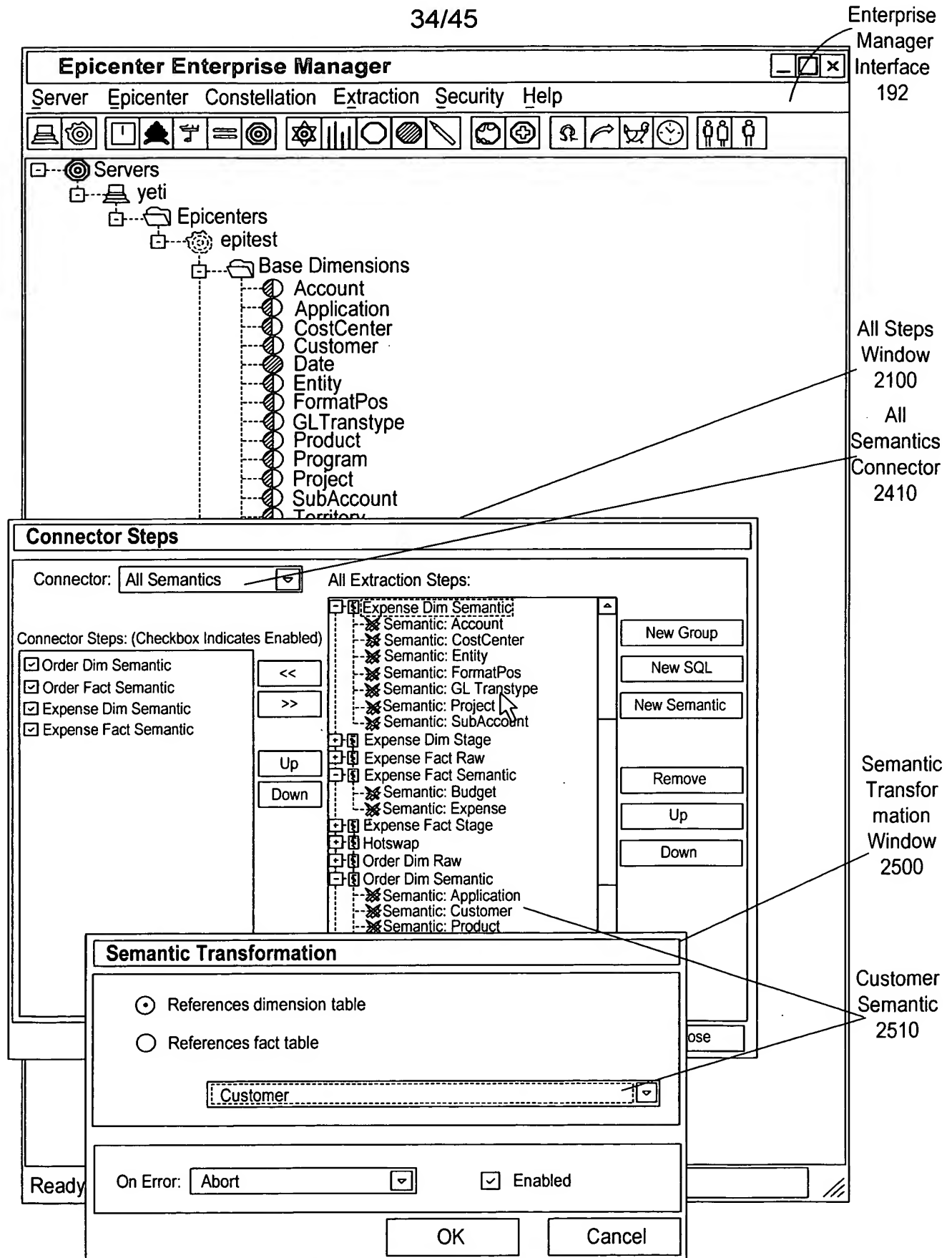


Figure 25

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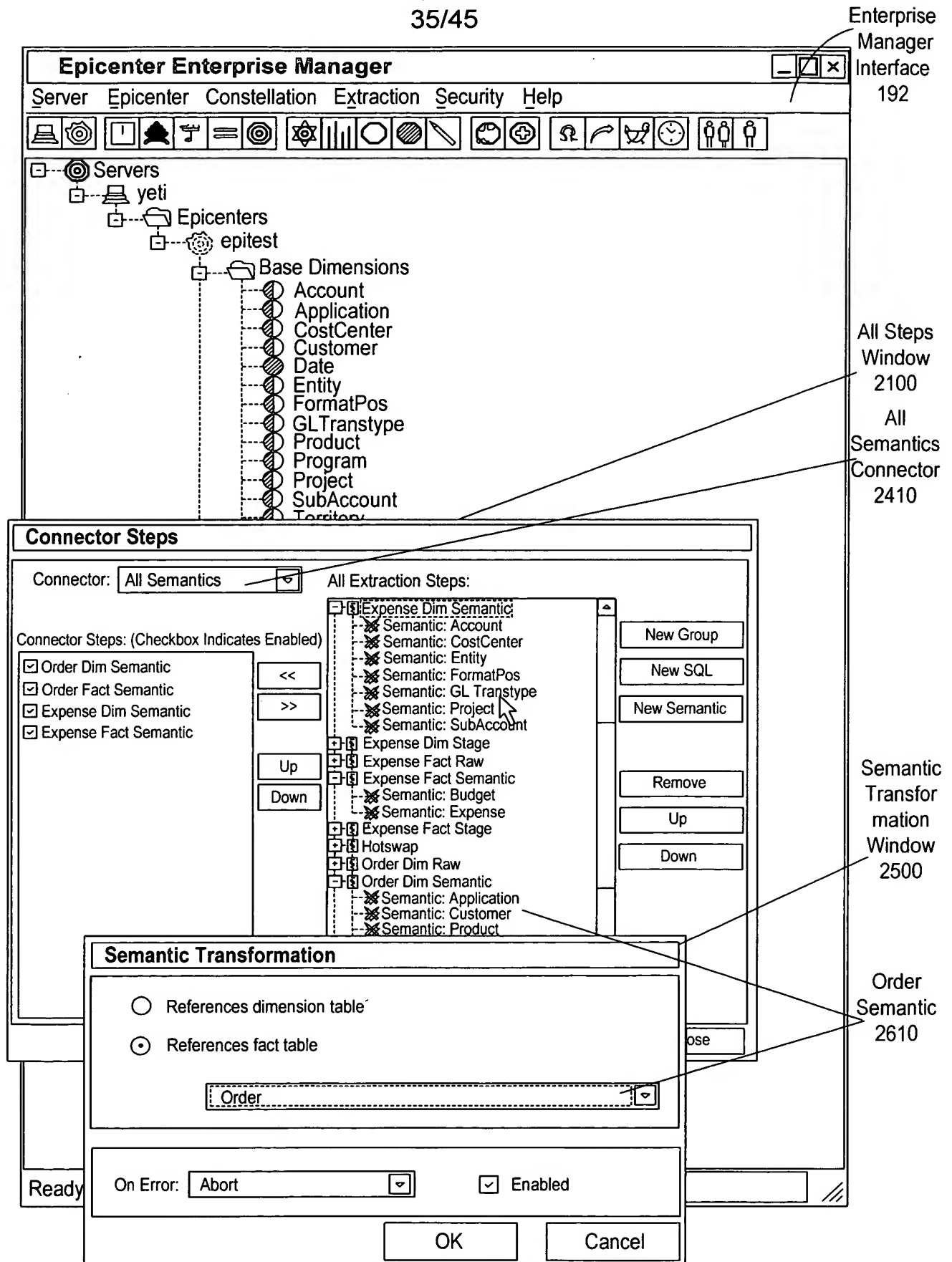


Figure 26

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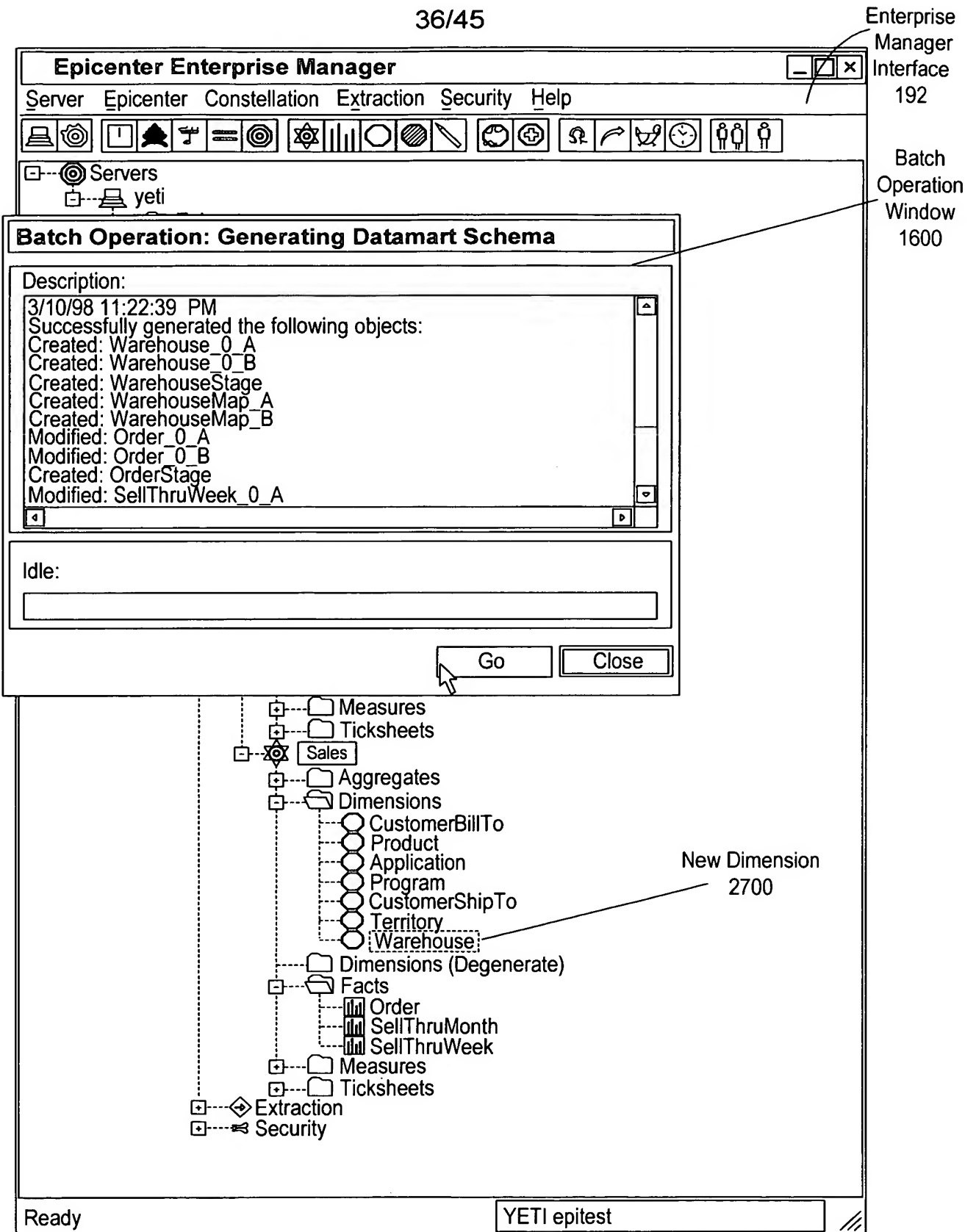
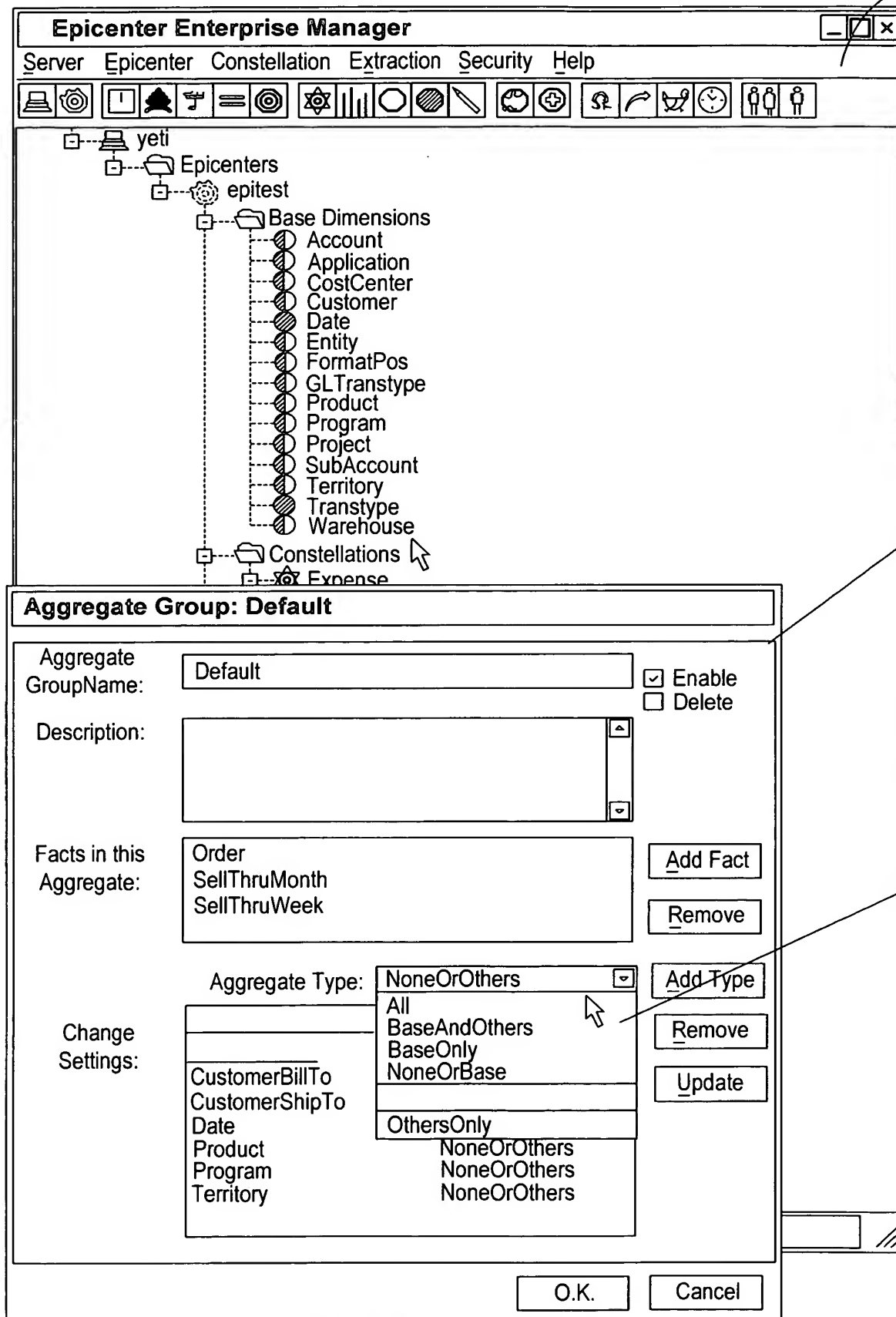


Figure 27

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Enterprise
Manager
Interface
192



Aggregate
Group
Window
2800

Aggregate
Type List
2810

Figure 28

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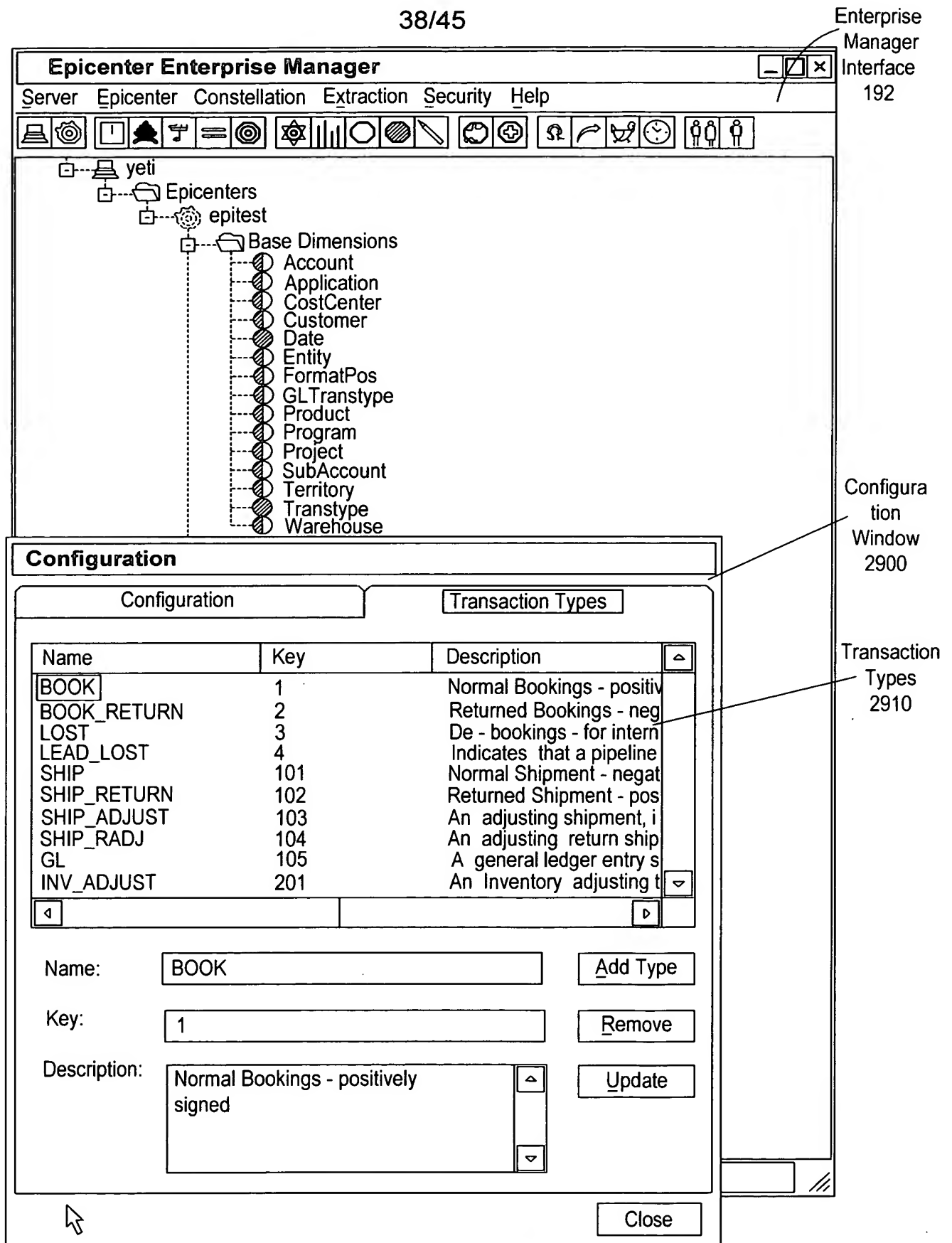


Figure 29

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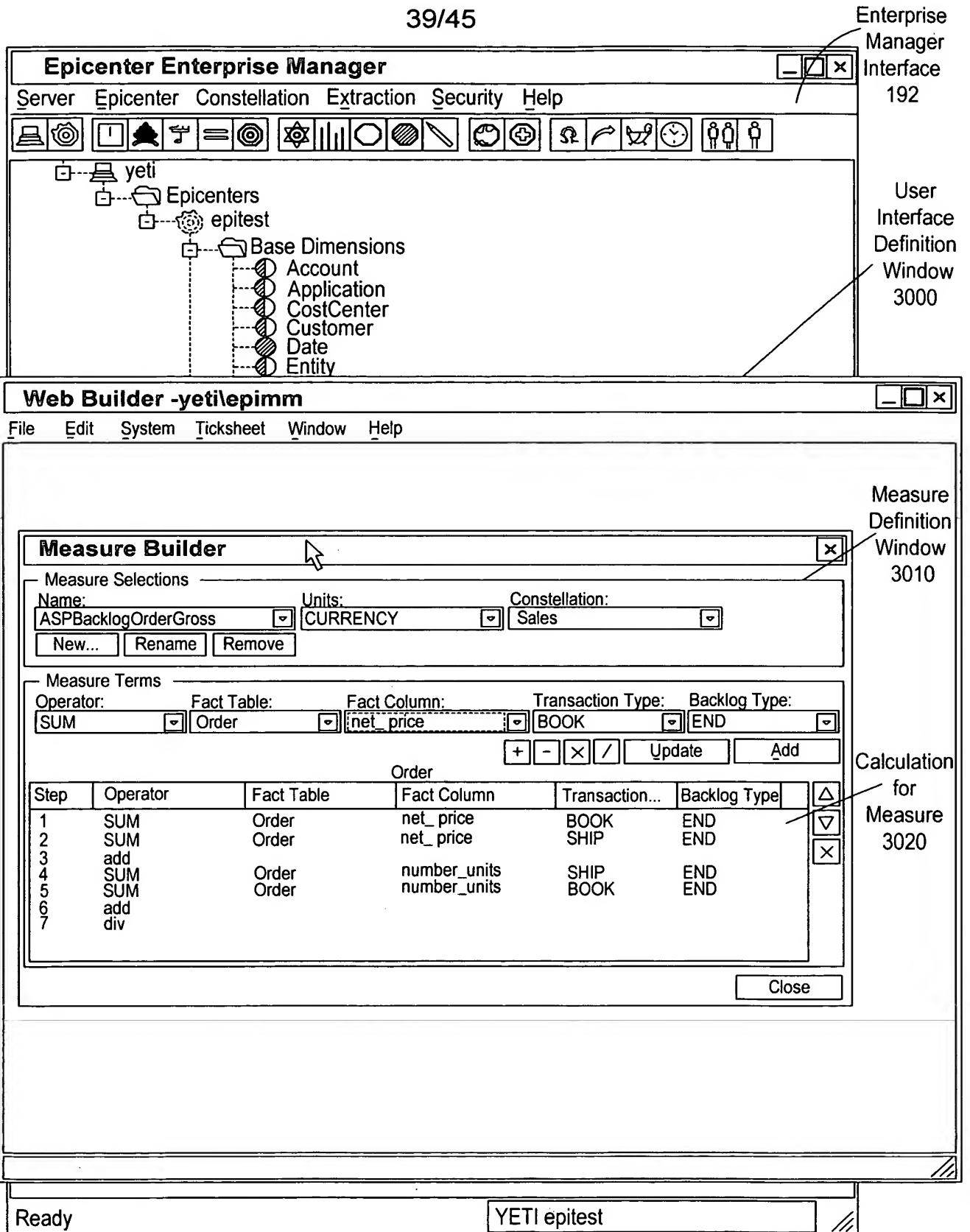


Figure 30

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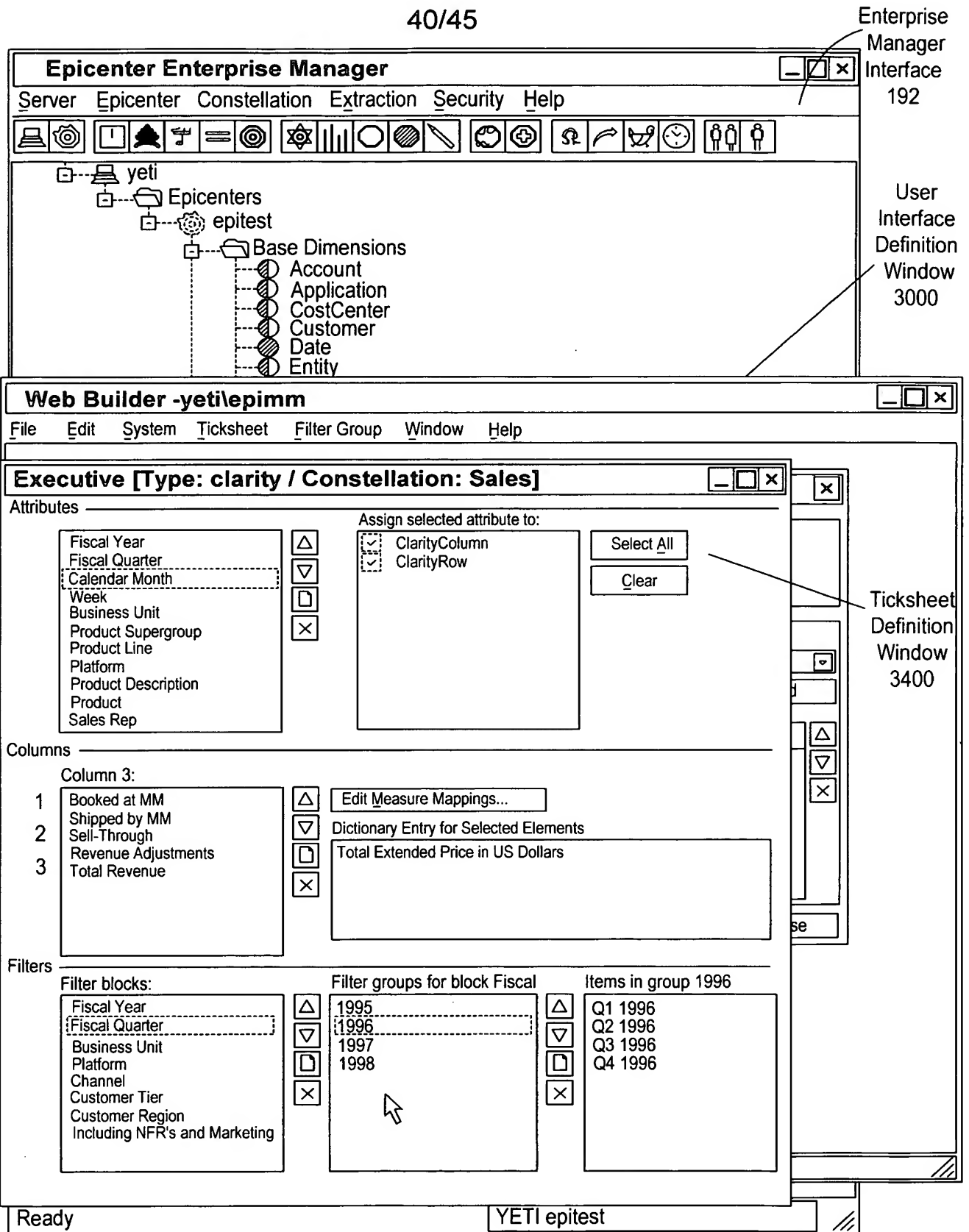


Figure 31

Browser 182
Query/Results Interface 184
Query Form 3200

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Executive Summary - Netscape

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Executive Summary

When you create a report, you will get a table with rows and columns and facts in each cell.

In the rows:
(down the side)

In the columns:
(across the top)

For the facts in each cell, select at least one from each column below.

<input checked="" type="checkbox"/> Dollar Amount	<input checked="" type="checkbox"/> Gross	<input checked="" type="checkbox"/> Booked at MM
<input checked="" type="checkbox"/> Units	<input checked="" type="checkbox"/> Net	<input type="checkbox"/> Shipped by MM
<input checked="" type="checkbox"/> ASP		<input type="checkbox"/> Sell-Through
		<input type="checkbox"/> Revenue Adjustments
		<input type="checkbox"/> Total Revenue

After making choices above, click the CREATE REPORT button in the lower left, or first select some Filters or Display Options from the menu in the upper left. You can save your choices for later use with the blue buttons above CREATE REPORT.

- [Clarity Home](#)
- [Clear](#)
- [Rows, Columns, Facts](#)
- [Display Options](#)
- [Filters](#)
 - [Fiscal Year](#)
 - [Fiscal Quarter](#)
 - [Business Unit](#)
 - [Platform](#)
 - [Channel](#)
 - [Customer Tier](#)
 - [Customer Region](#)
 - [NFRs and MarketMtrls](#)
- [Help](#)

Document Done

Figure 32

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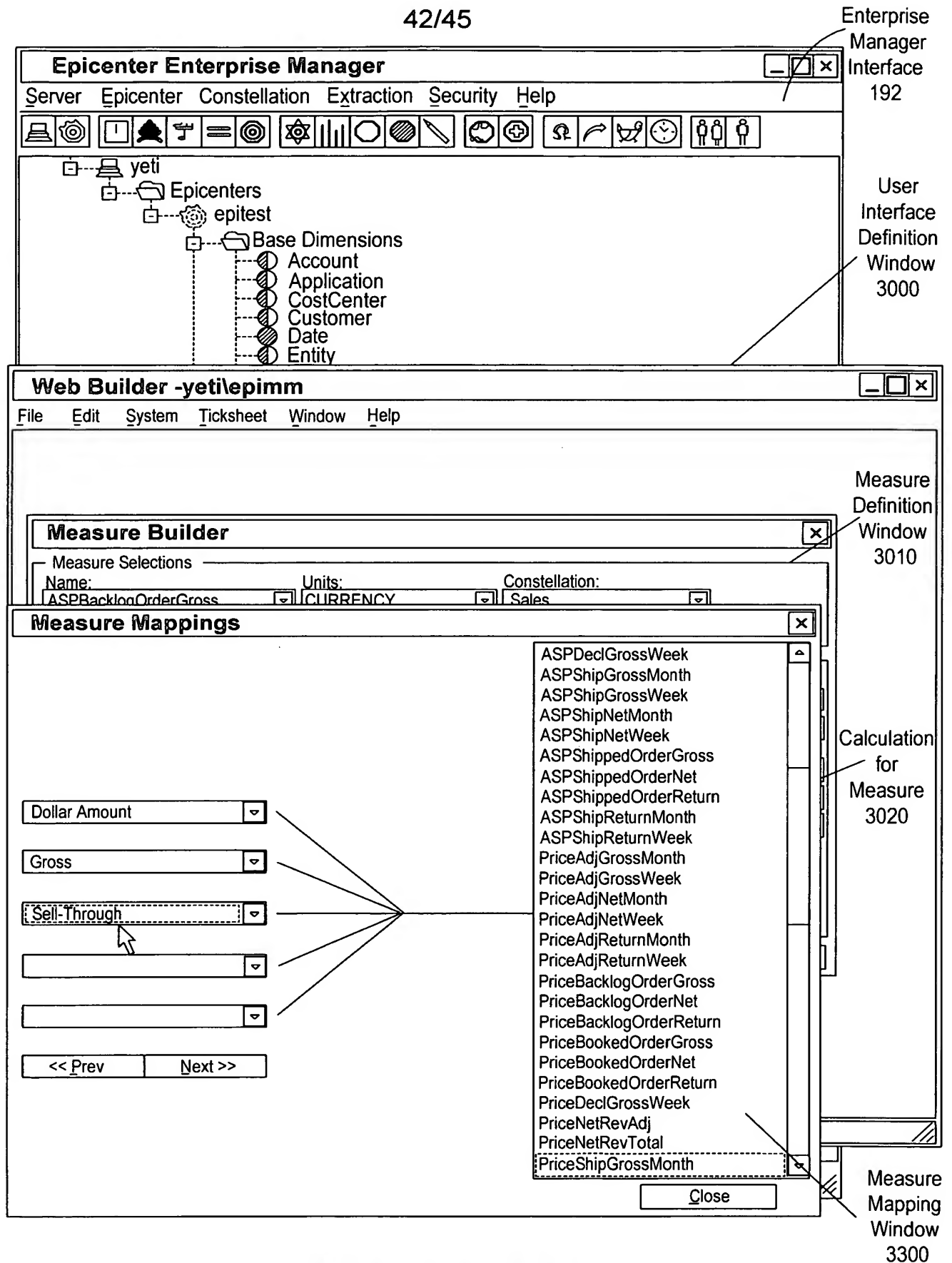


Figure 33

Browser 182
Query/Results Interface 184
Query Form 3200

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Clarity for Sales - Netscape

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Clarity for Sales

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In the rows:
(down the side)

In the columns:
(across the top)

For the facts in each cell, select at least one from each column below.

<input checked="" type="checkbox"/> Dollar Amount	<input type="checkbox"/> Booked	<input checked="" type="checkbox"/> Gross
<input type="checkbox"/> Units	<input checked="" type="checkbox"/> Shipped	<input type="checkbox"/> Net
<input type="checkbox"/> ASP	<input type="checkbox"/> Backlog	<input type="checkbox"/> Returns

After making choices above, click the CREATE REPORT button in the lower left, or first select some Filters or Display Options from the menu in the upper left. You can save your choices for later use with the blue buttons above CREATE REPORT.

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- ② [Clear](#)
- ③ [Rows, Columns, Facts](#)
- ④ [Display Options](#)
- ⑤ [Filters](#)
- ⑥ [Fiscal Year](#)
- ⑦ [Fiscal Quarter](#)
- ⑧ [Calendar Month](#)
- ⑨ [Business Unit](#)
- ⑩ [Product Line](#)
- ⑪ [Product Supergroup](#)
- ⑫ [Platform](#)
- ⑬ [Product Language](#)
- ⑭ [Product SKU](#)
- ⑮ [Sales Rep](#)
- ⑯ [Channel](#)
- ⑰ [Customer Type](#)
- ⑱ [Customer Region](#)
- ⑲ [Customer](#)
- ⑳ [Help](#)

Serve current settings

Use:

Delete:

Document Done

Figure 34

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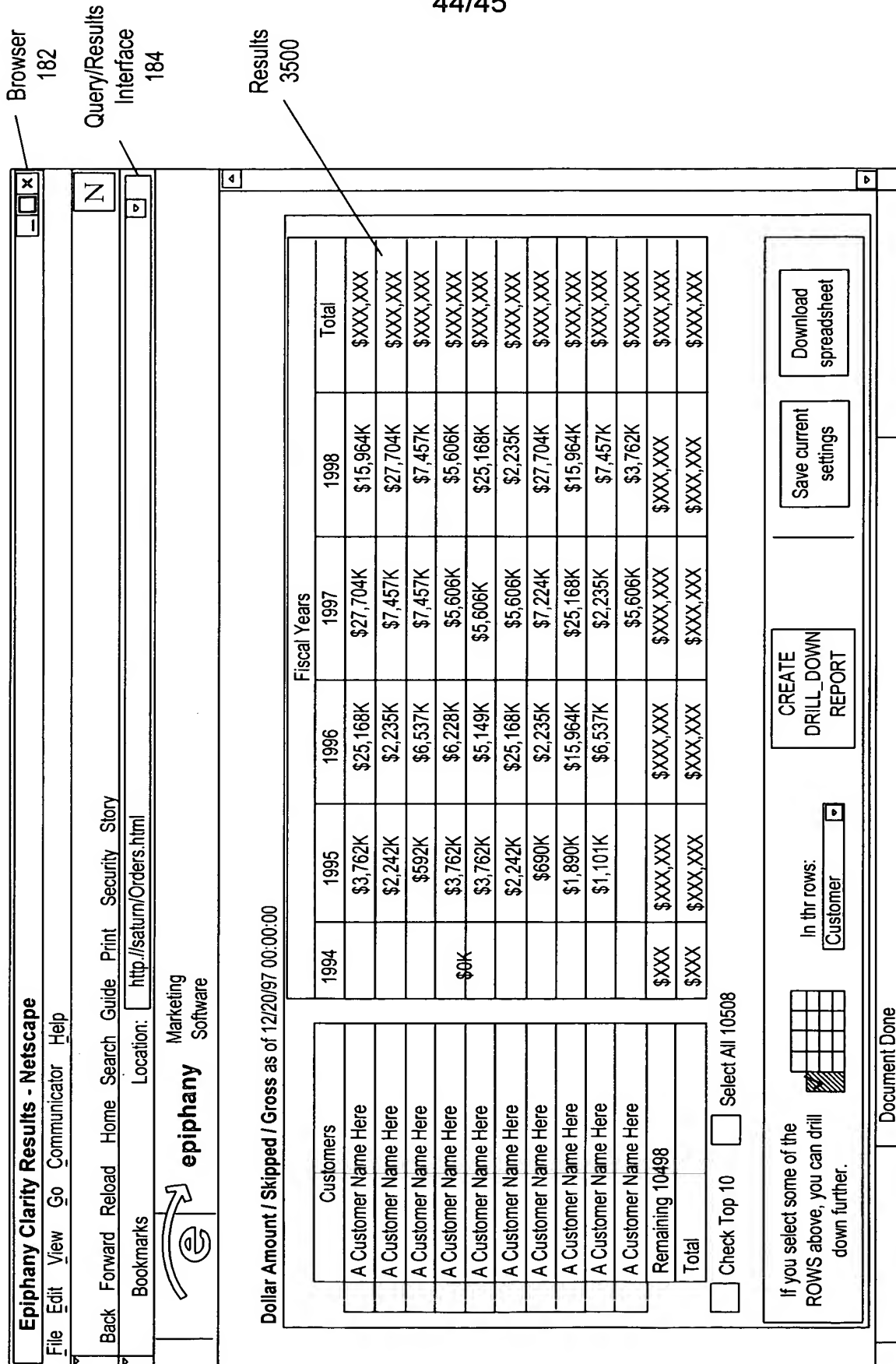


Figure 35

Clarity for Expenses - Netscape

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 - [Calendar Month](#)
 - [Business Unit](#)
 - [Product Line Name](#)
 - [Product Line Number](#)
 - [Cost Center Name](#)
 - [Cost Center Function](#)
 - [Cost Center Number](#)
 - [Entity](#)
 - [Account Number](#)
 - [Account Name](#)
 - [Account 4-digit Number](#)
 - [Account Supergroup](#)
 - [Account Group](#)
 - [GL Description](#)
 - [GL Reference and Desc](#)
 - [Charge In](#)
 - [Charge Out](#)

Serve current settings

Use:

Delete:

Create Report

The following DISPLAY OPTIONS determine how the facts are presented.

Currency amount::	<input type="radio"/> Millions (M)	<input type="radio"/> Thousands (K)	<input type="radio"/> Ones
Include sums:	<input checked="" type="checkbox"/> of rows (at right) <input type="checkbox"/> of columns (across bottom)		
Percentages:	<input type="radio"/> each row totals 100% <input type="radio"/> each column totals 100% <input type="radio"/> neither		
Precision:	<input type="radio"/> 0 decimal places <input type="radio"/> 1 decimal places <input type="radio"/> 2 decimal places		
Include charts:	<input type="radio"/> 3D <input type="radio"/> 2D <input type="radio"/> No		
Which rows:	<input type="radio"/> Top 5 <input type="radio"/> Top 10 <input type="radio"/> Top 20 <input type="radio"/> Top 50 <input type="radio"/> Top 100 <input type="radio"/> All		
Sort rows:	<input type="radio"/> by amount <input type="radio"/> by row name		

You can limit your reports to only a part of the data by using the FILTERS below.

☒ All Fiscal Years

☐ 1996 ☐ 1997 ☐ 1998

Figure 36